

Fig. 1

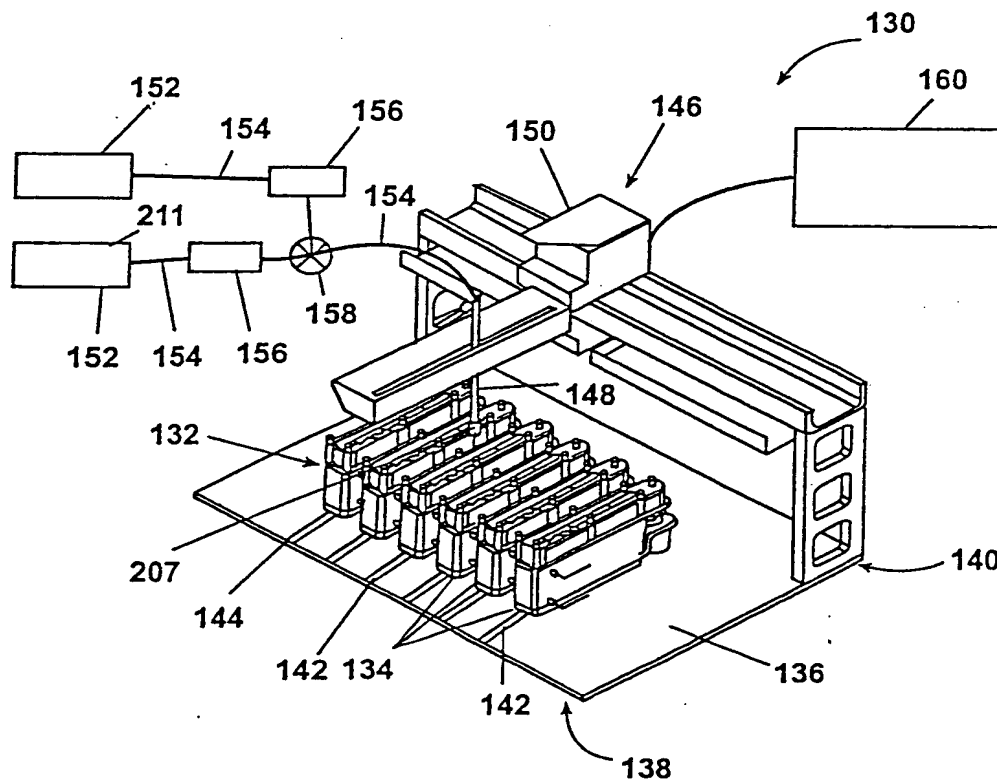


Fig. 2

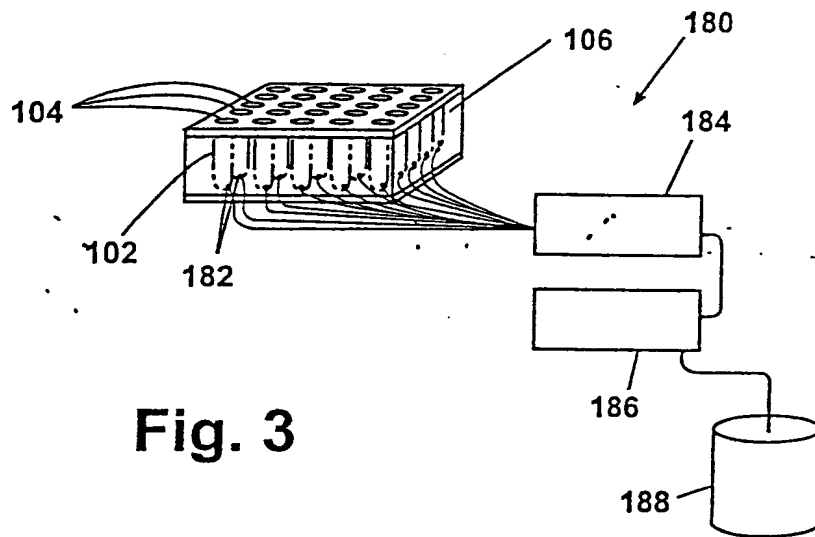


Fig. 3

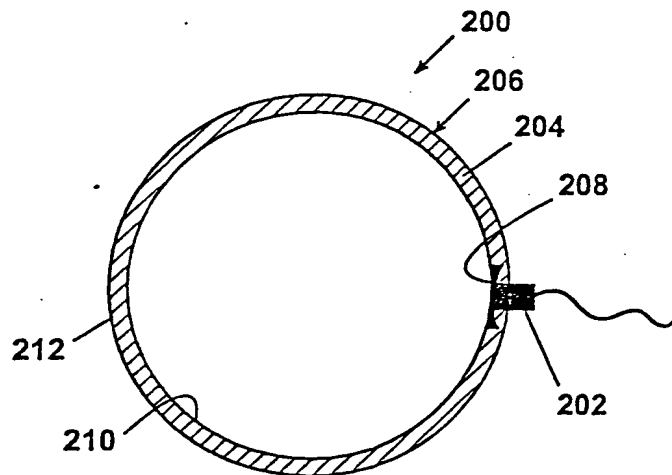


Fig. 4

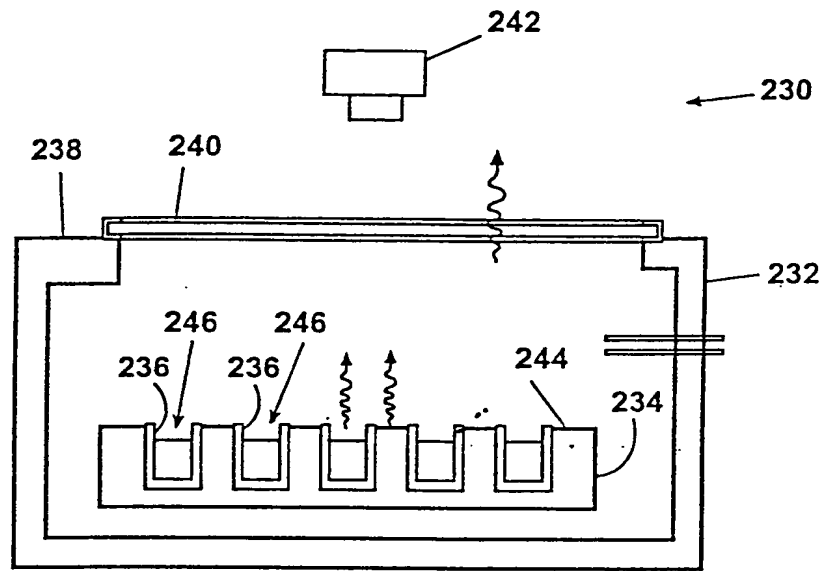


Fig. 5

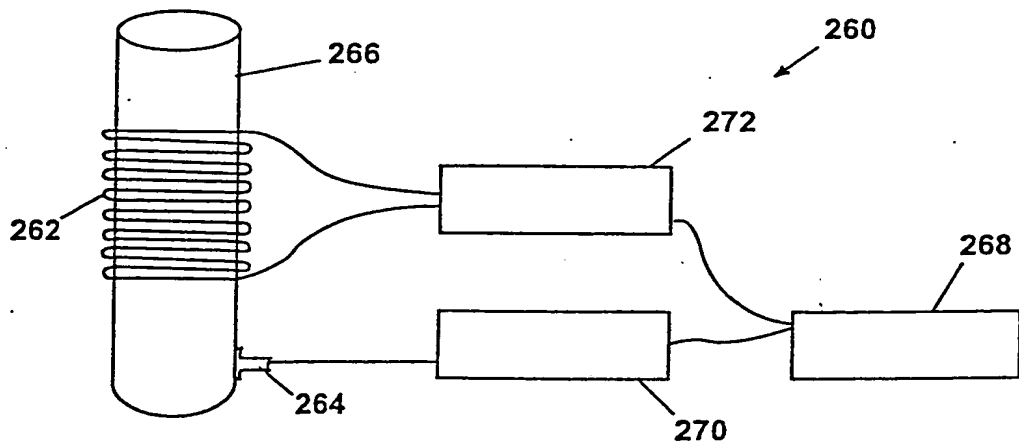


Fig. 6

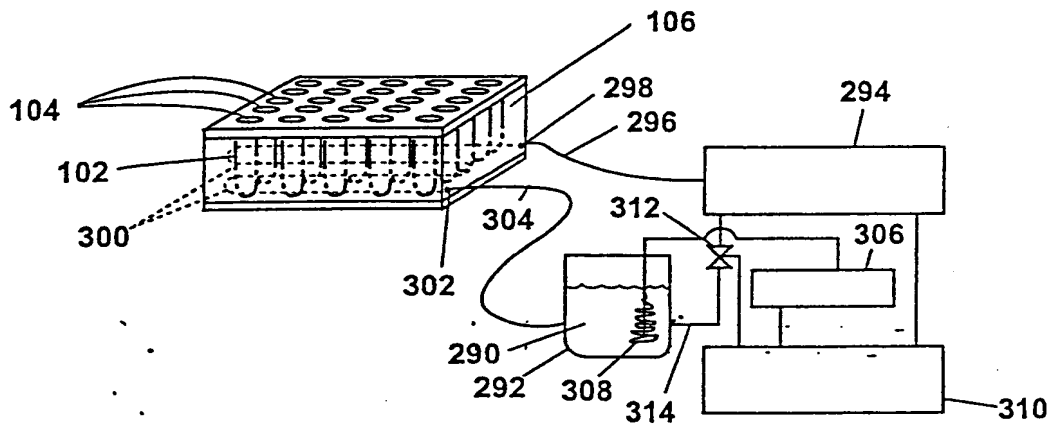


Fig. 7

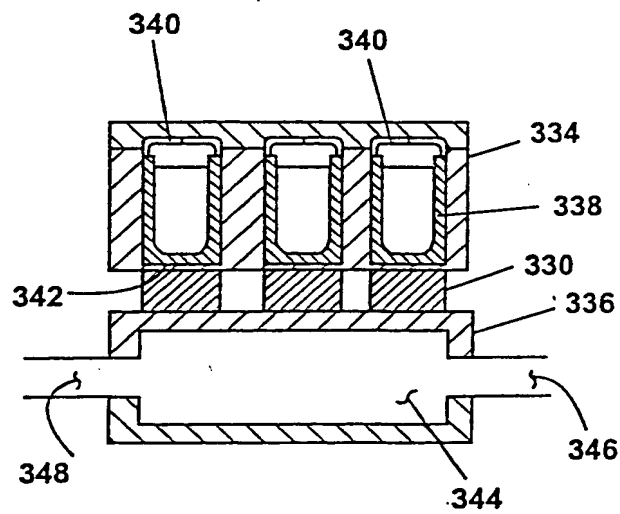


Fig. 8

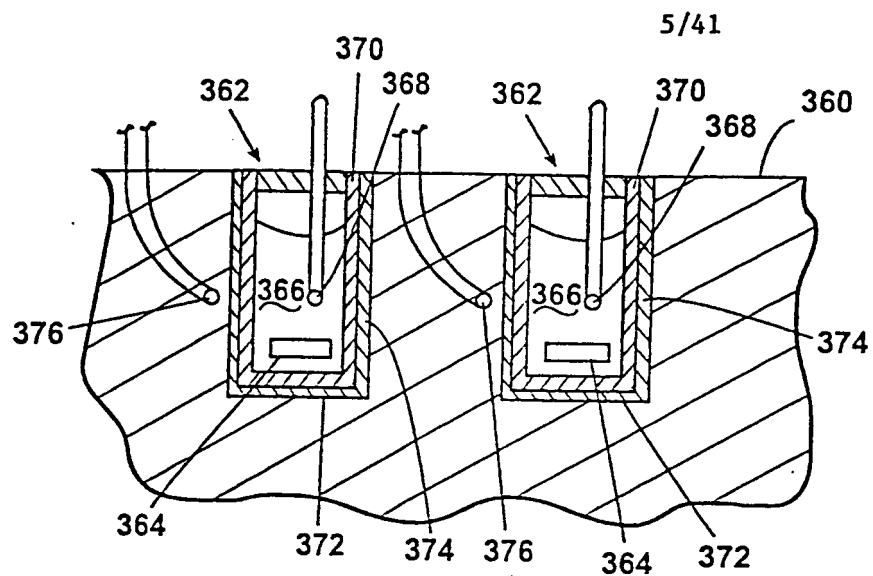


Fig. 9

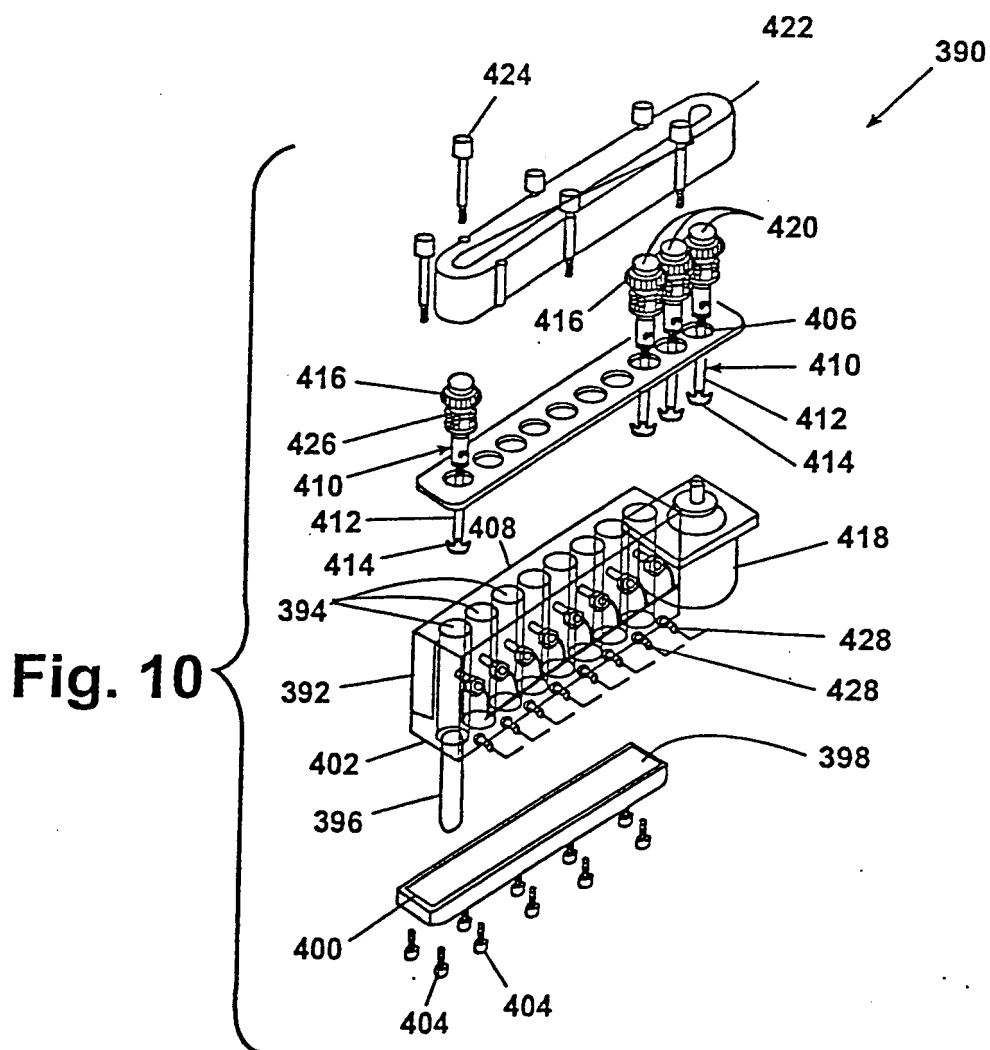


Fig. 10

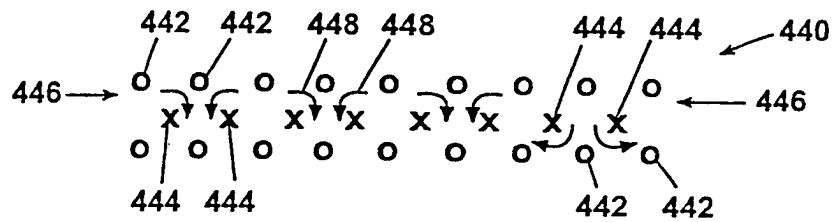


Fig. 11

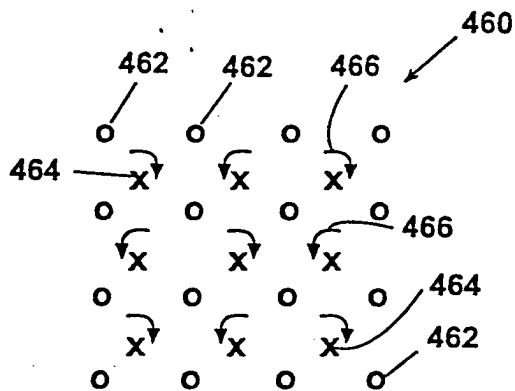


Fig. 12

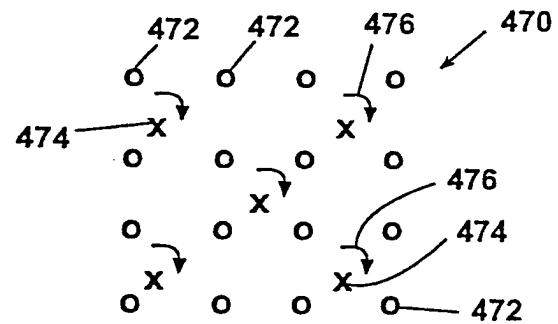


Fig. 13

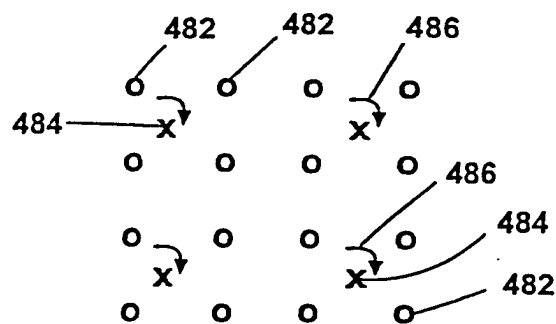
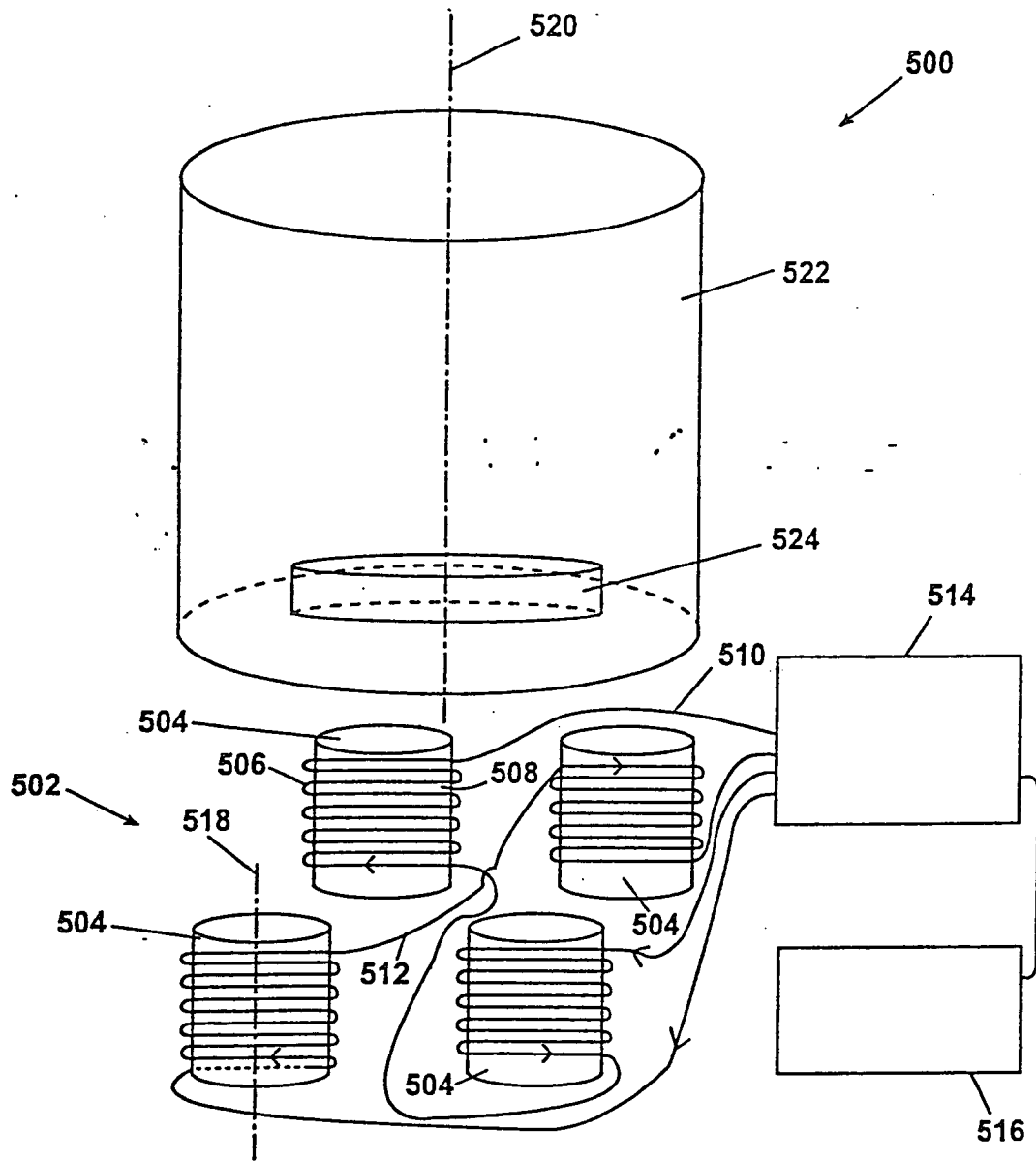


Fig. 14

**Fig. 15**

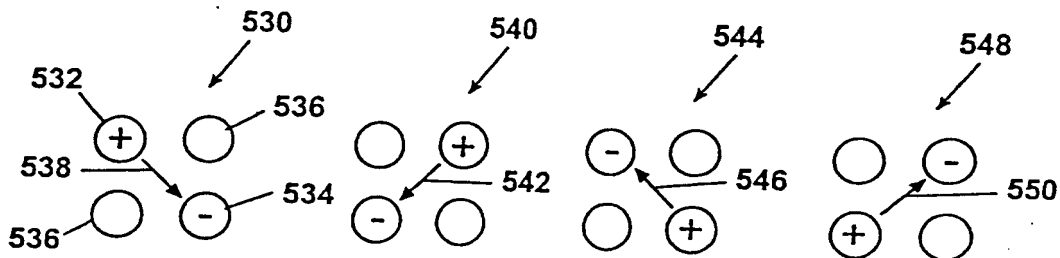


Fig. 16

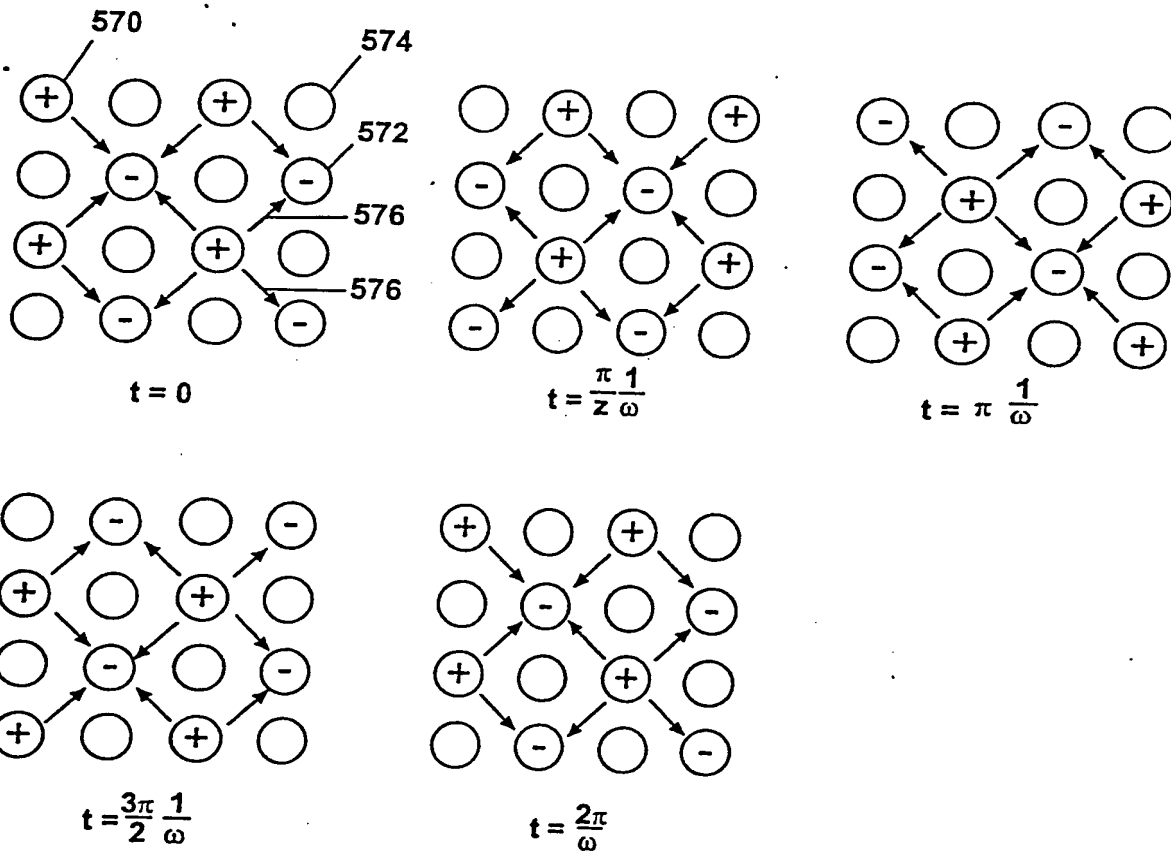


Fig. 17

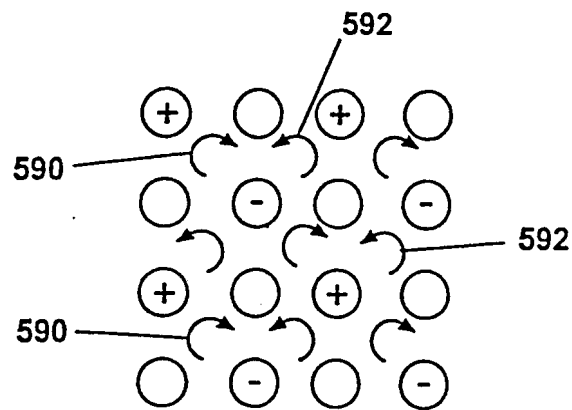


Fig. 18

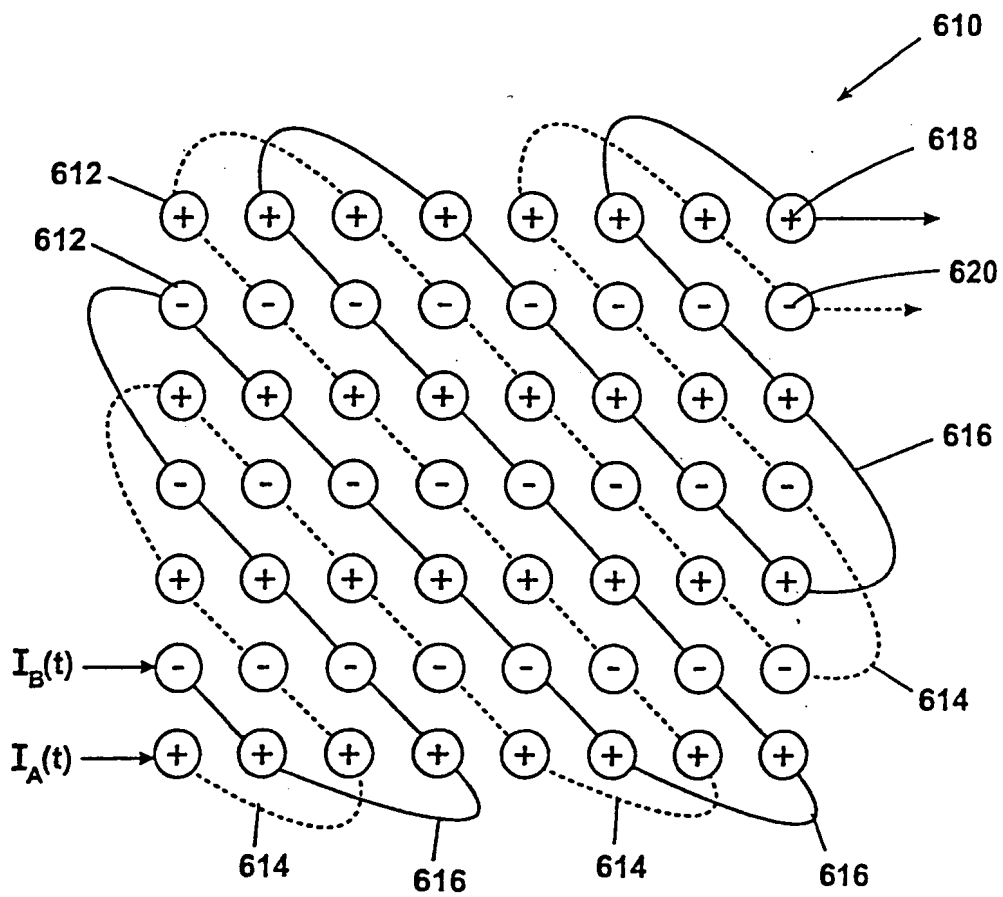
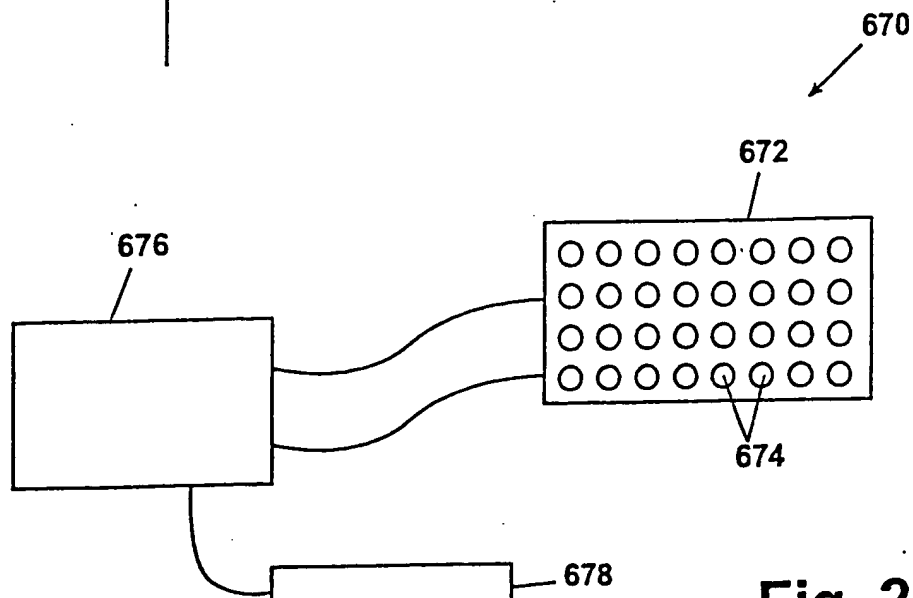
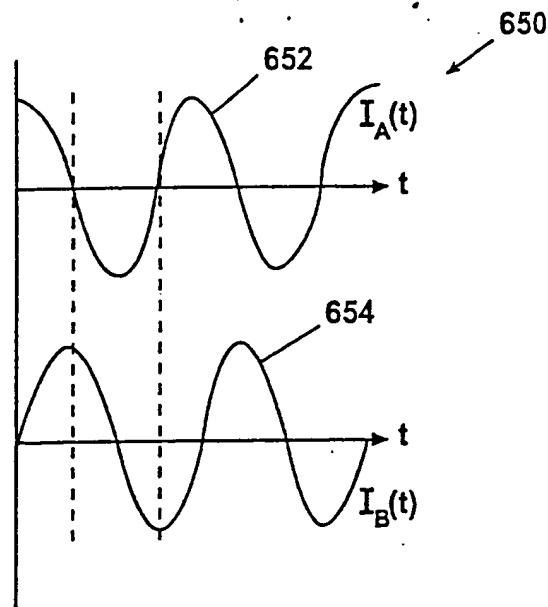
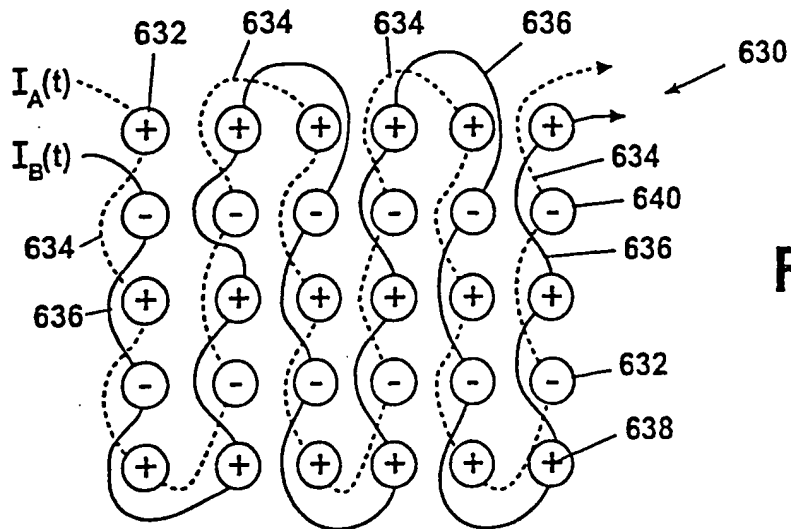


Fig. 19



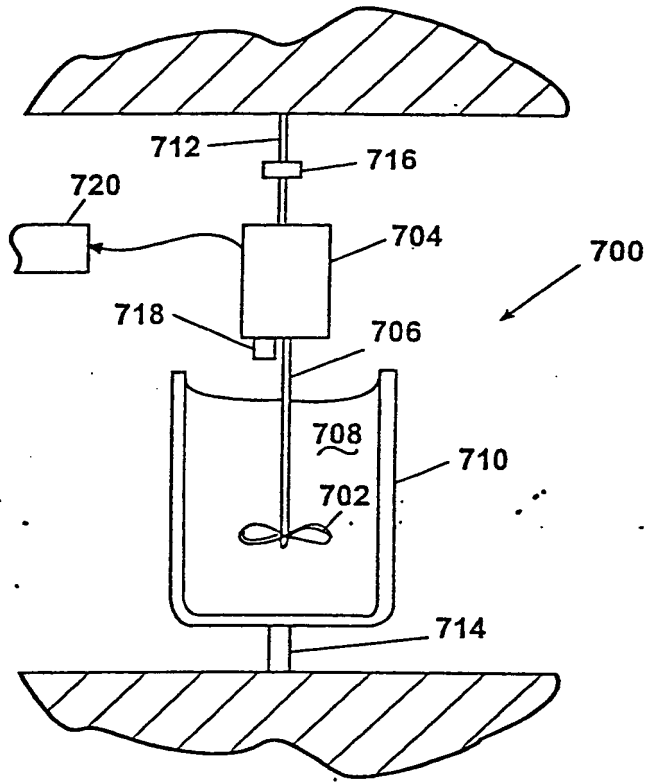


Fig. 23

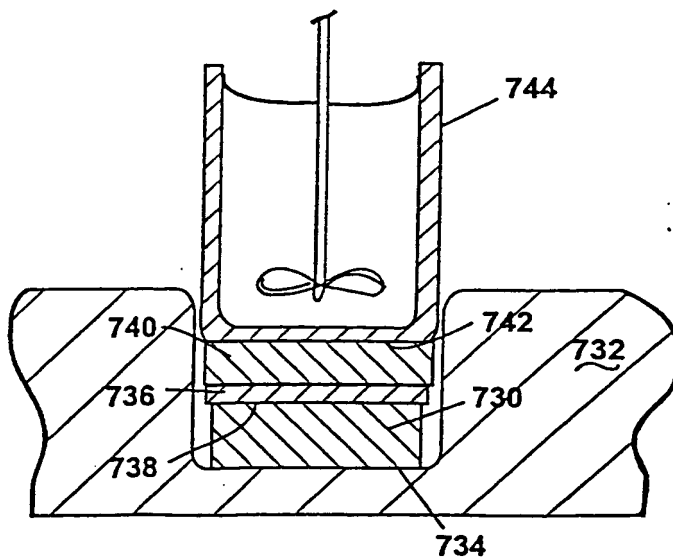


Fig. 24

12/41

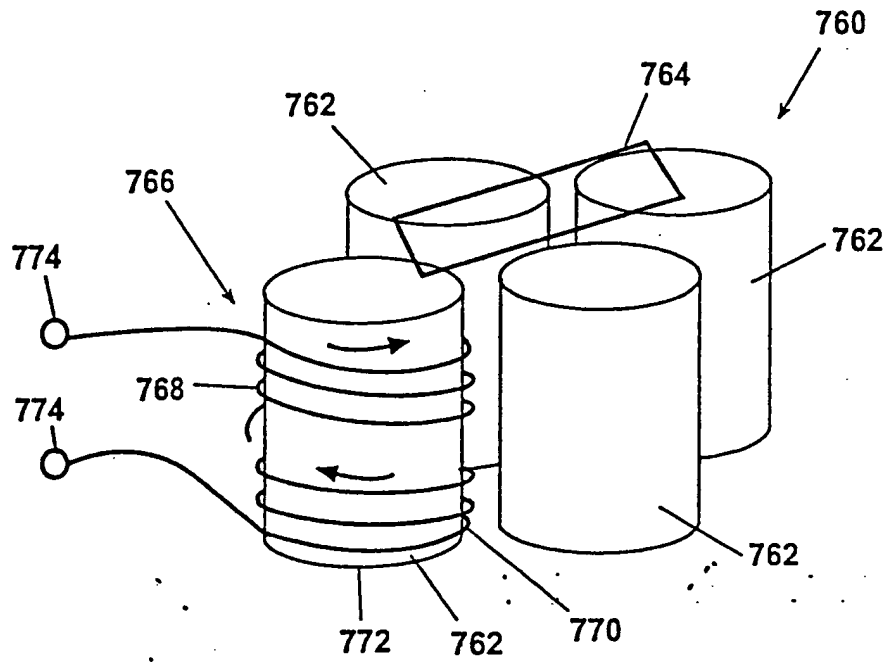


Fig. 25

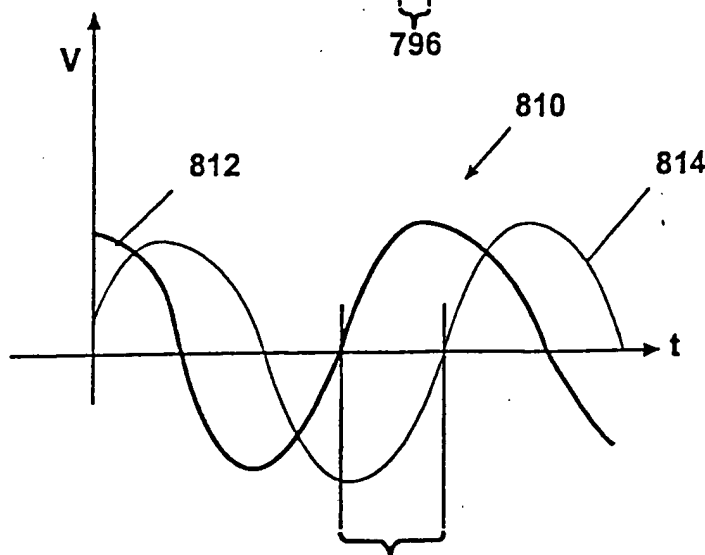
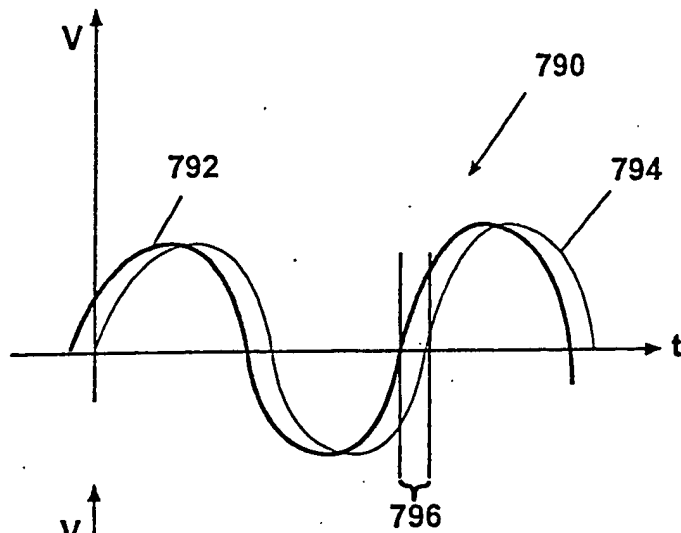


Fig. 26

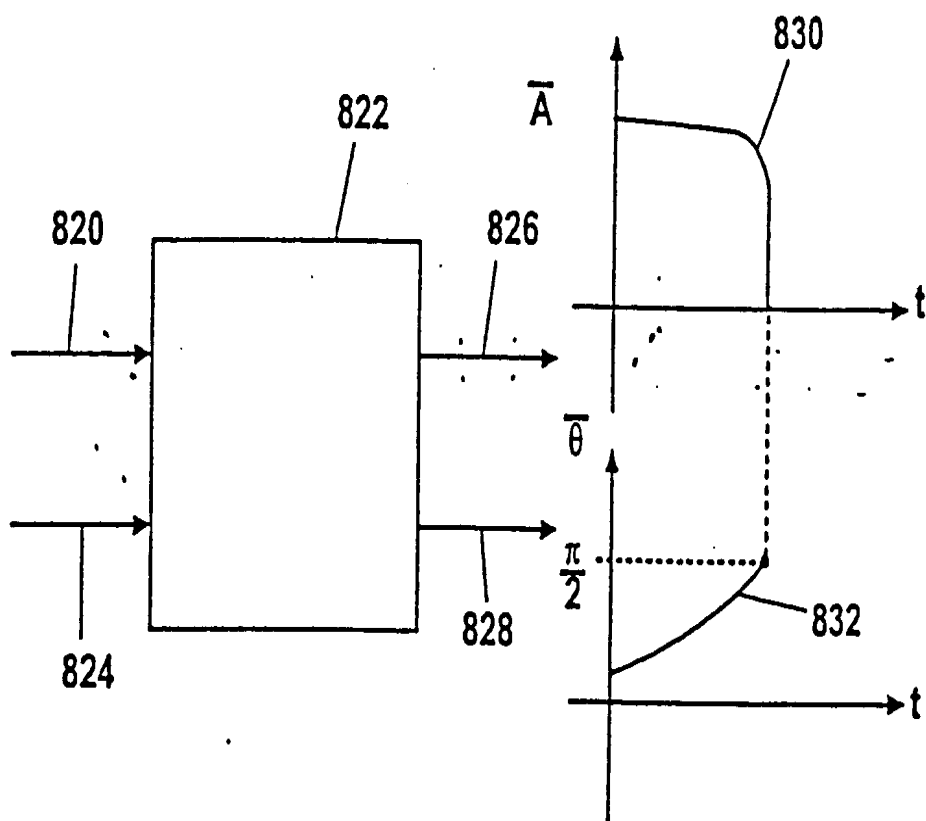


Fig 27

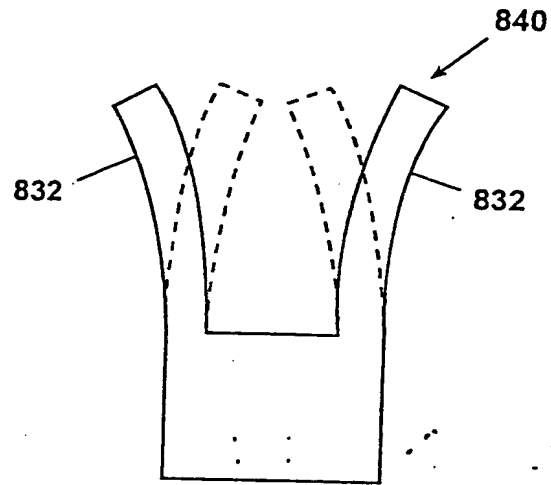


Fig. 28

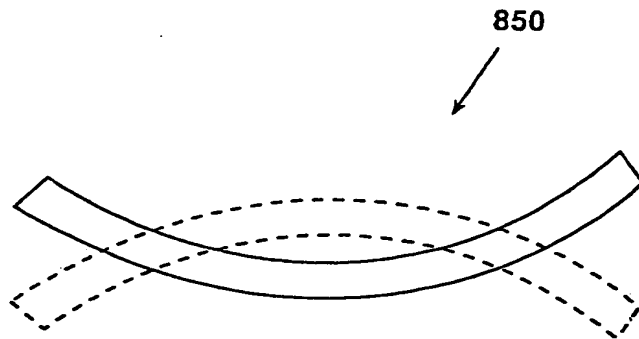


Fig. 29

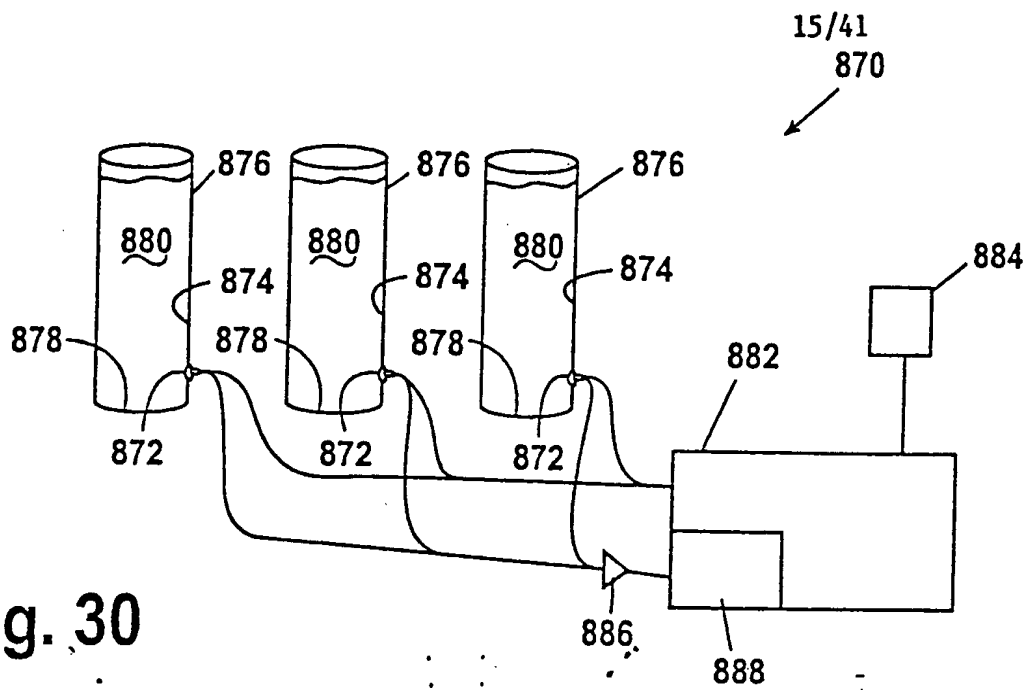


Fig. 30

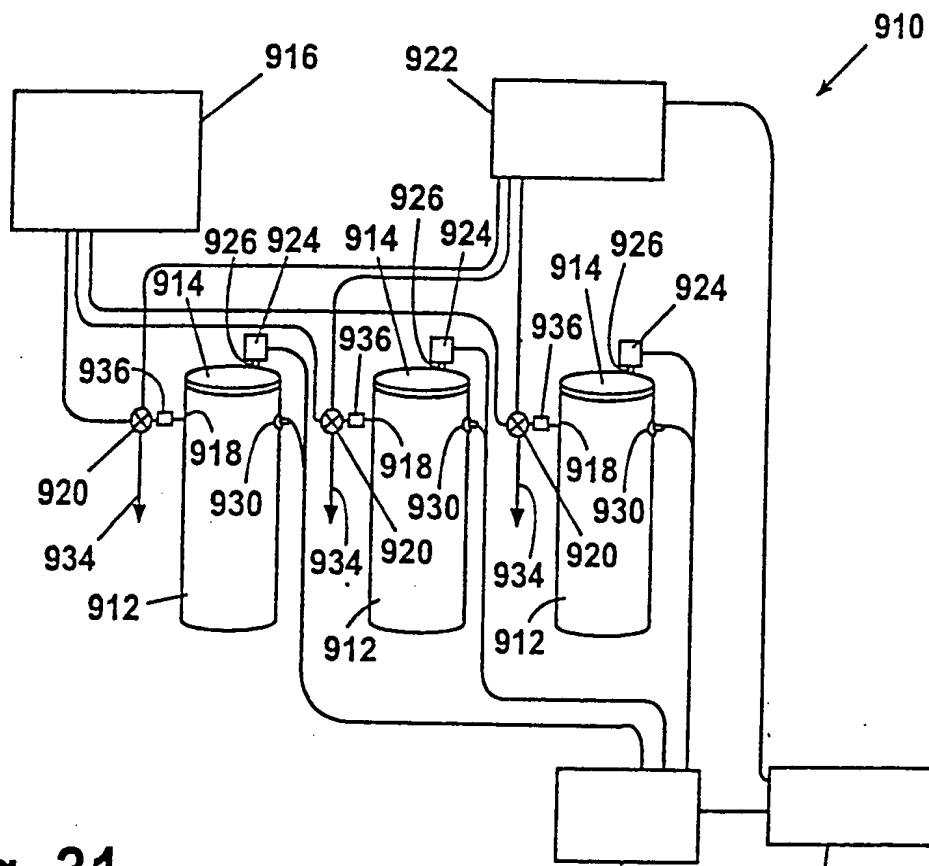


Fig. 31

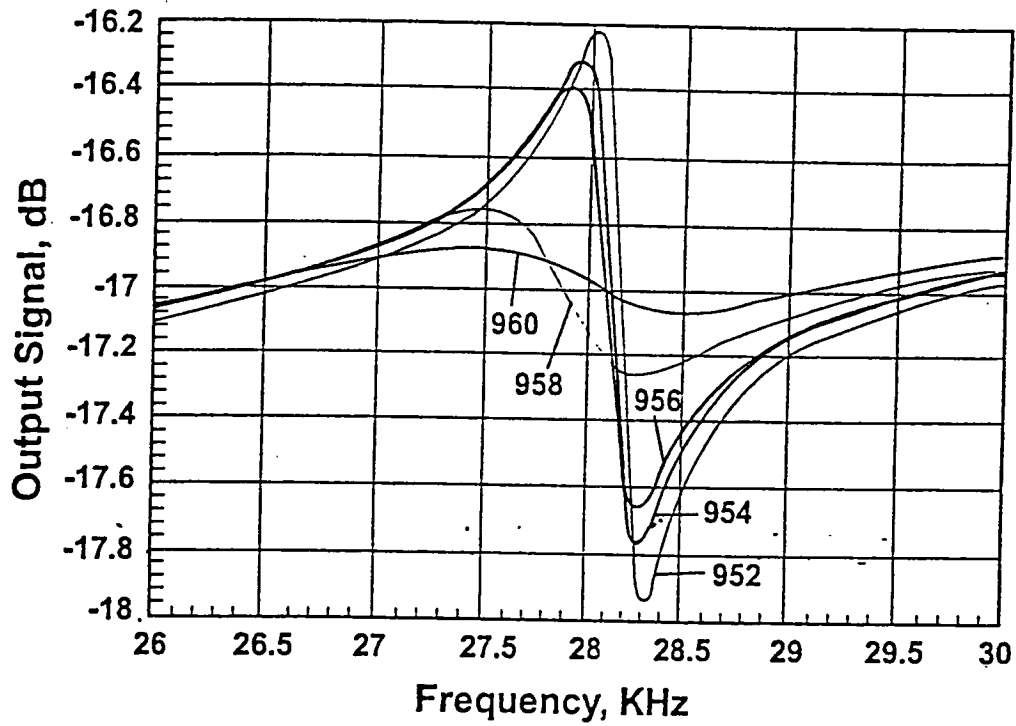
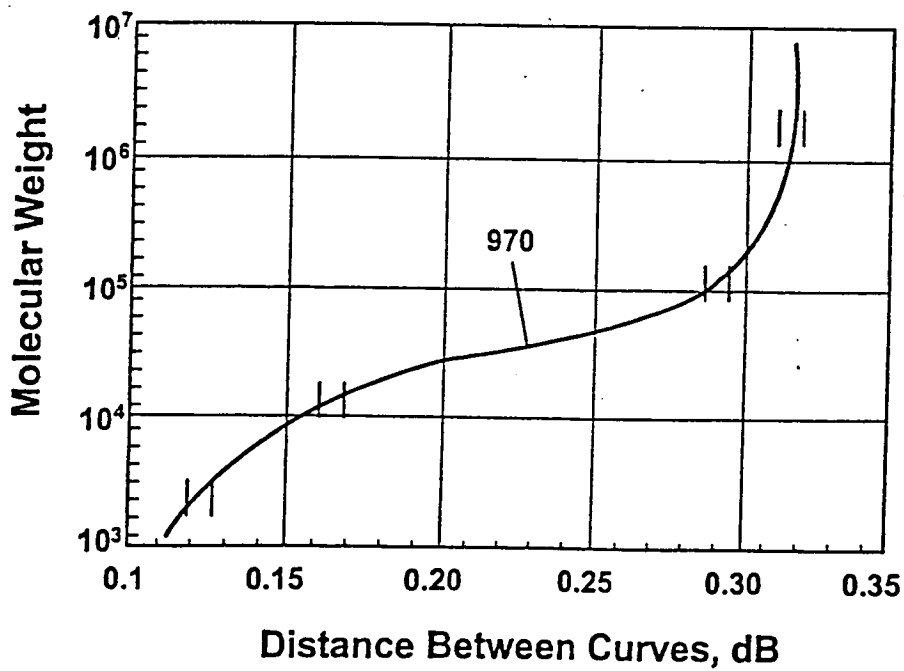


Fig. 32



17/41

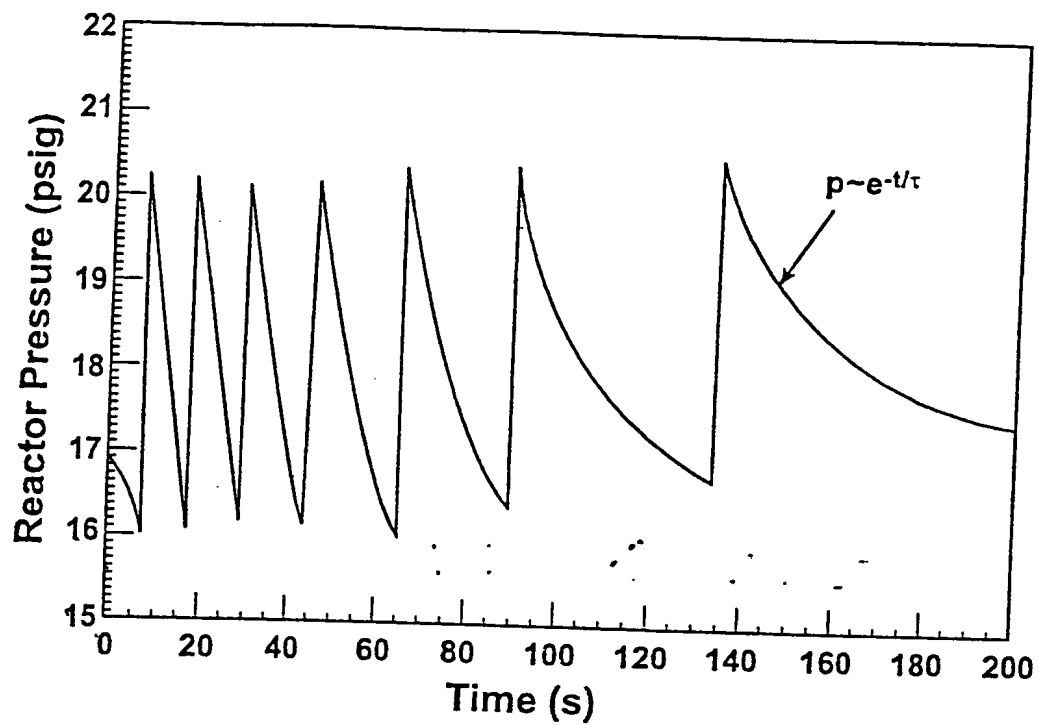


Fig. 34

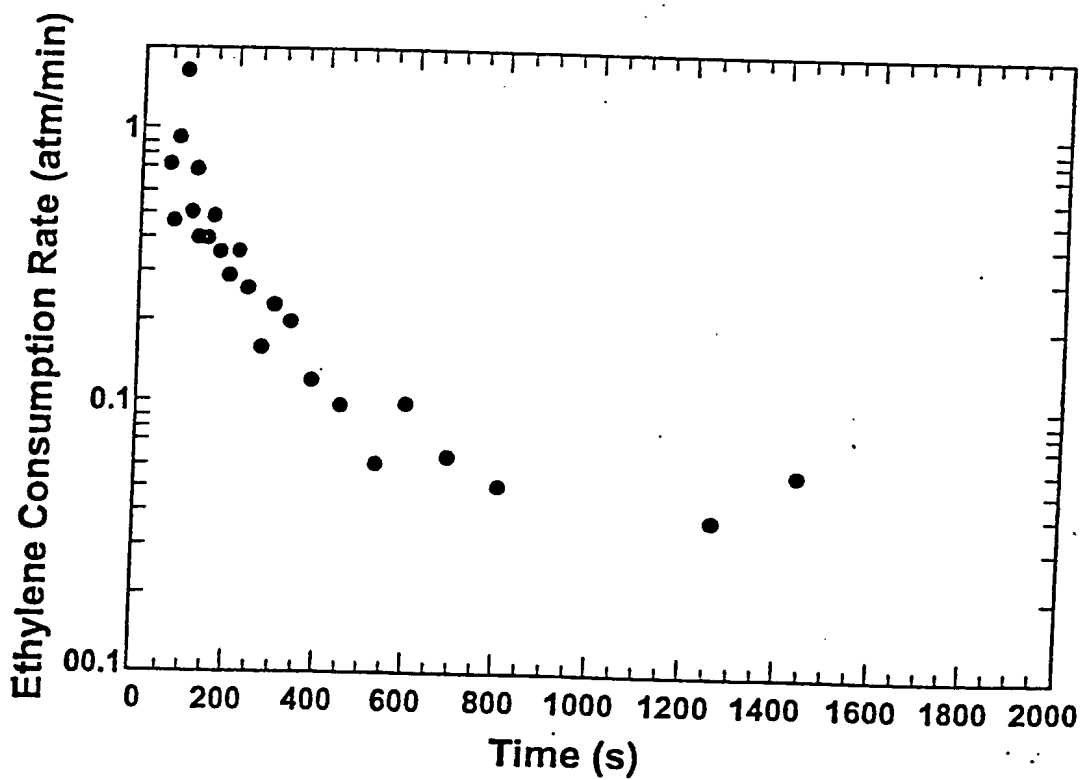


Fig. 35

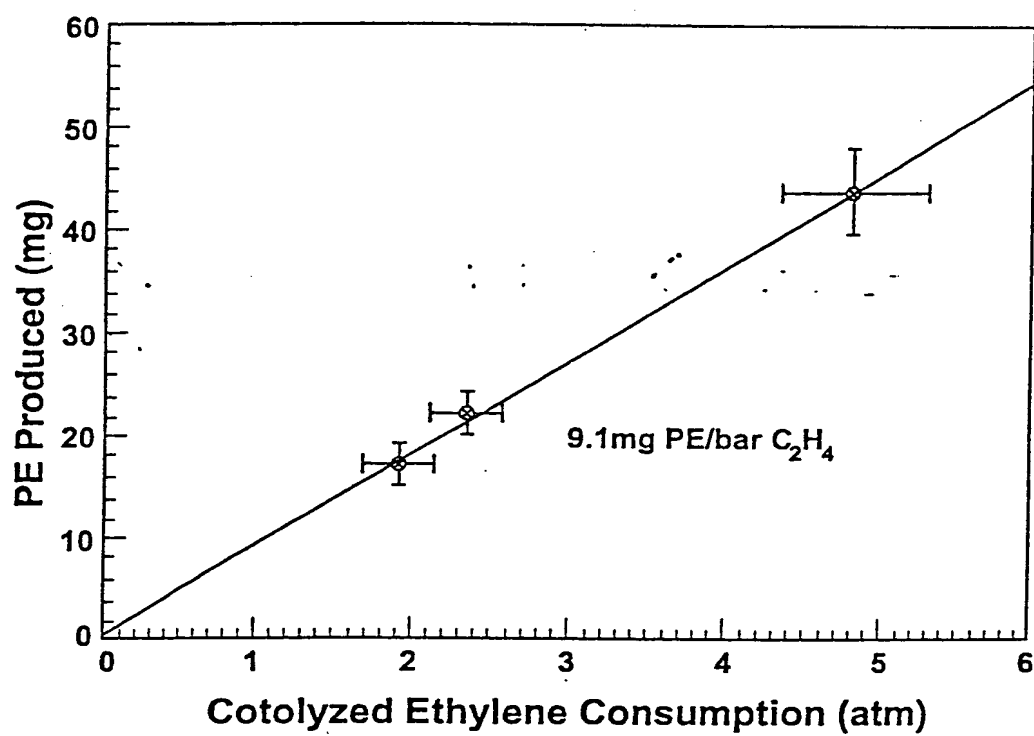


Fig. 36

19/41

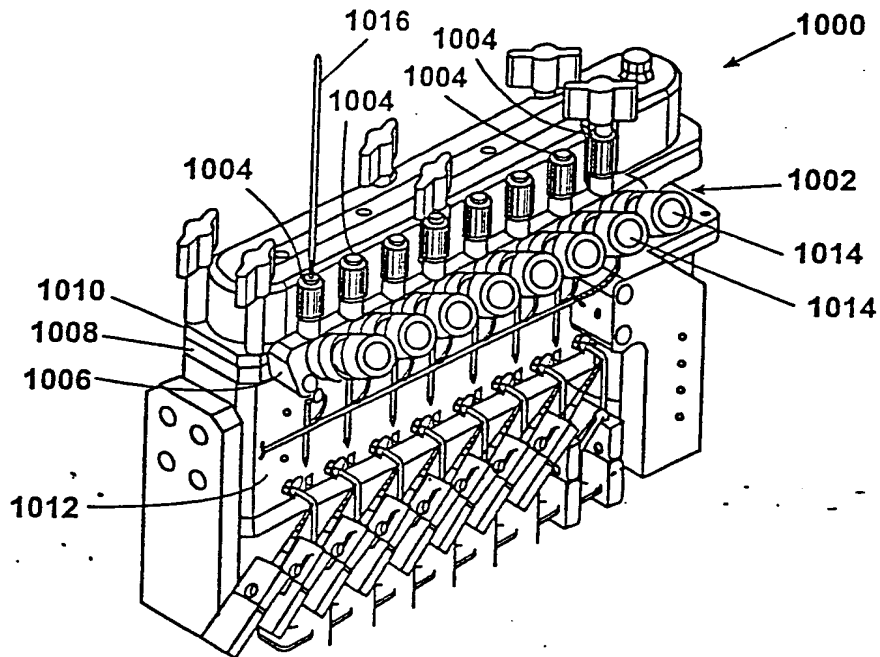


Fig. 37

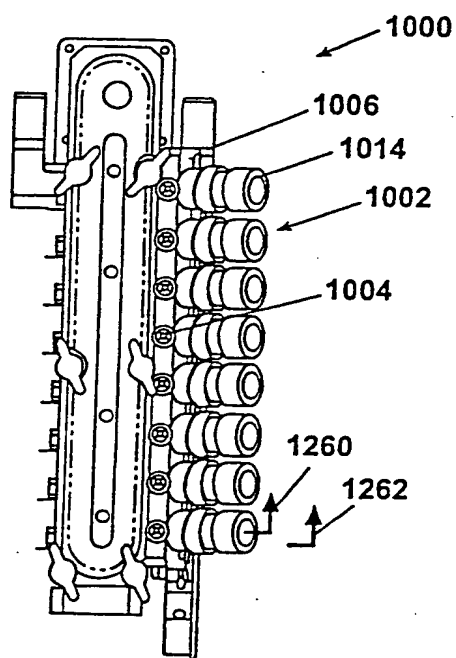


Fig. 46

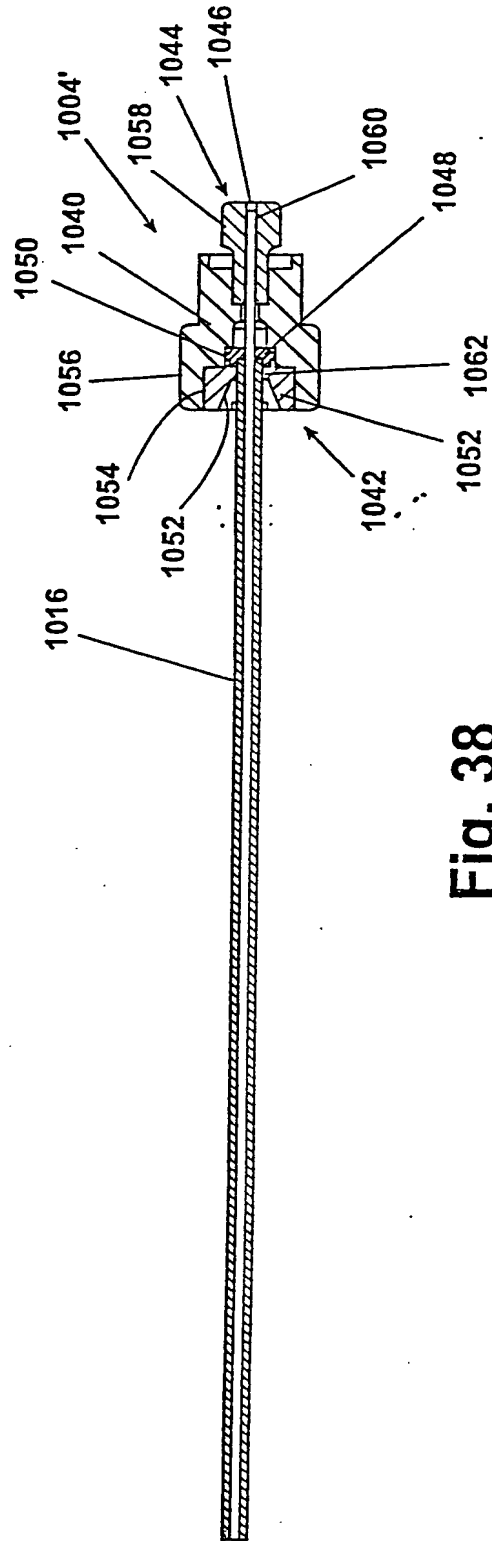


Fig. 38

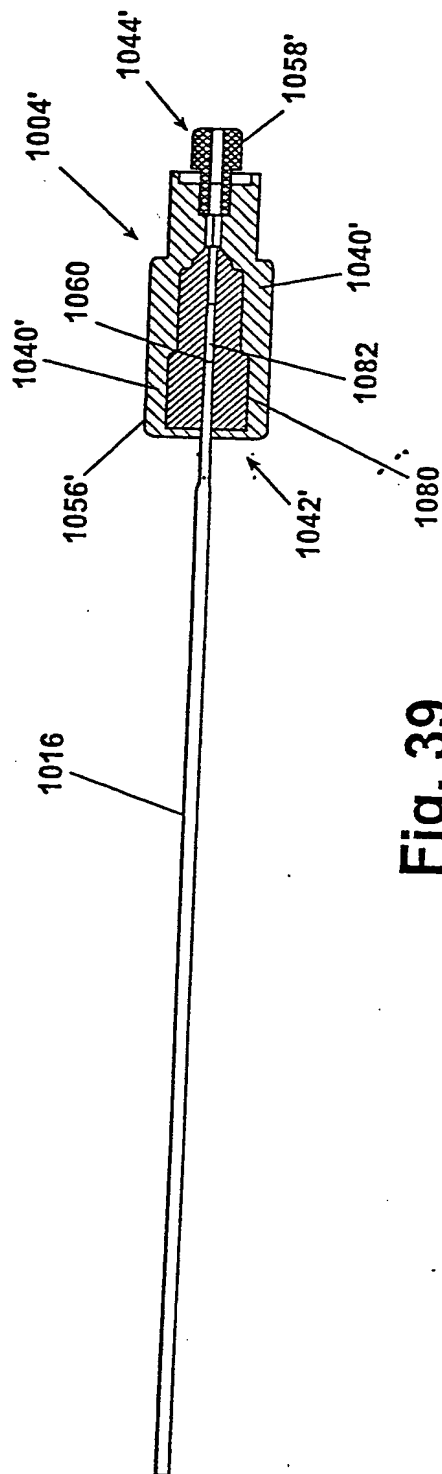


Fig. 39

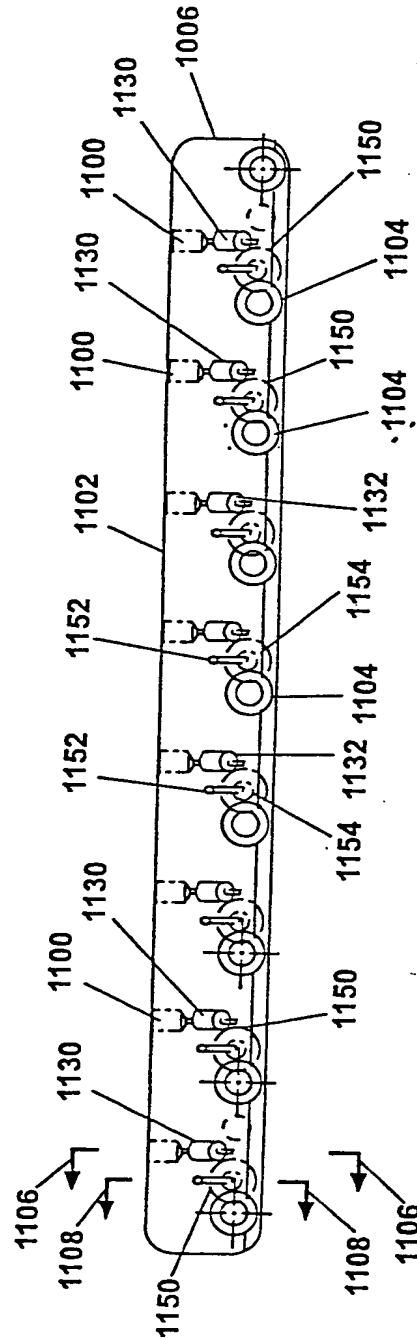


Fig. 40

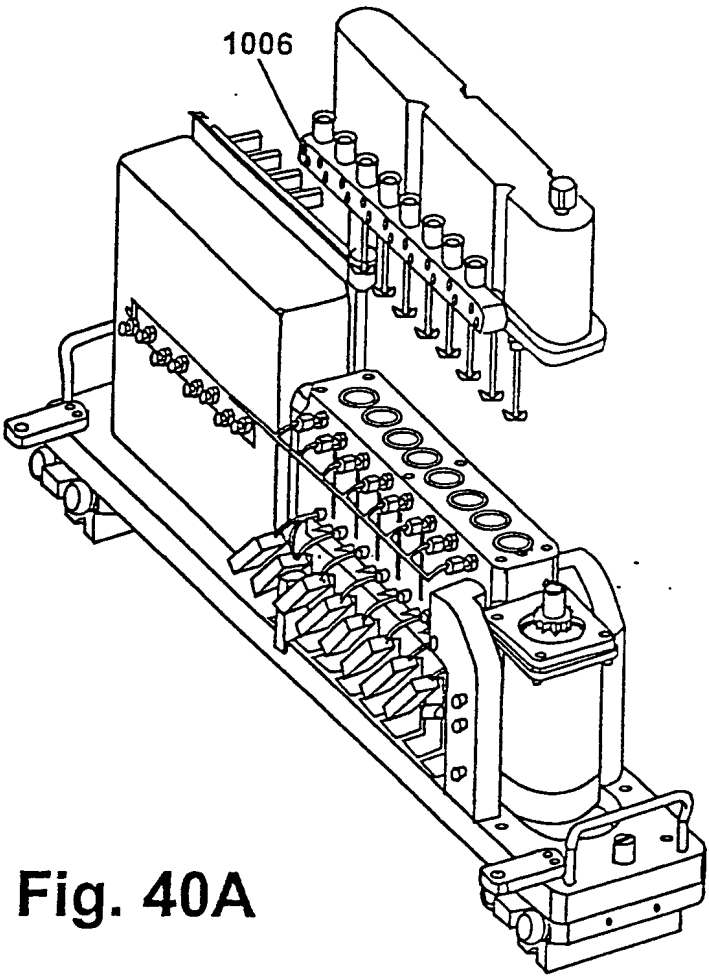


Fig. 40A

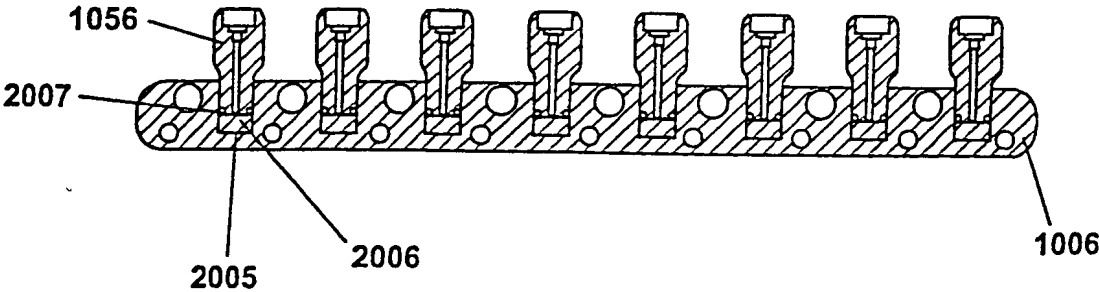


Fig. 40B

Fig. 41

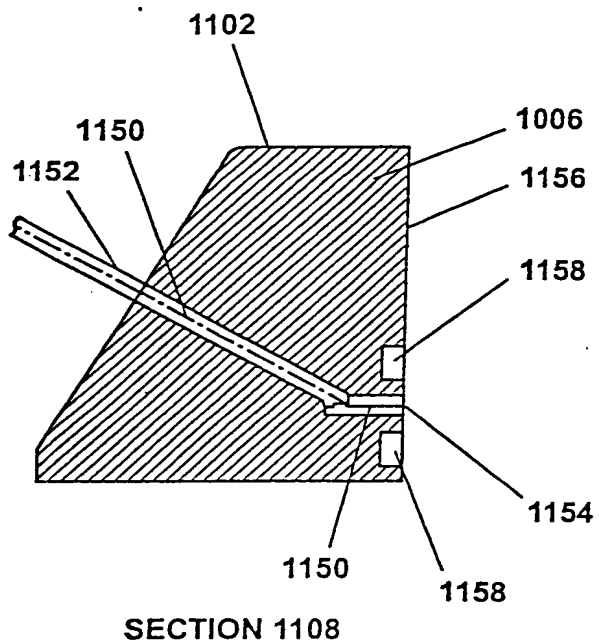
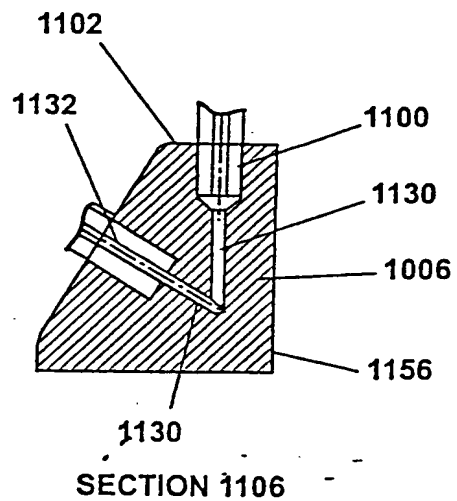


Fig. 42

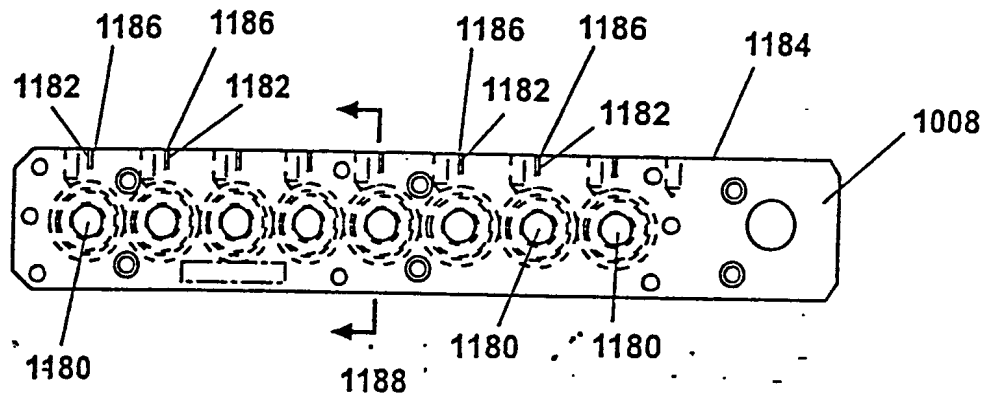
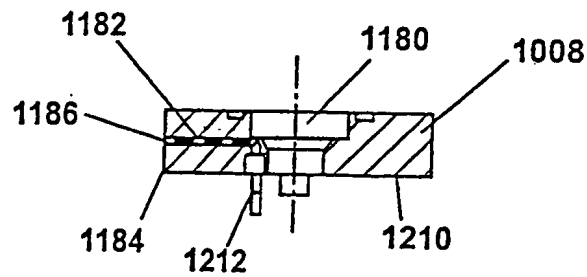


Fig. 43



SECTION 1188

Fig. 44

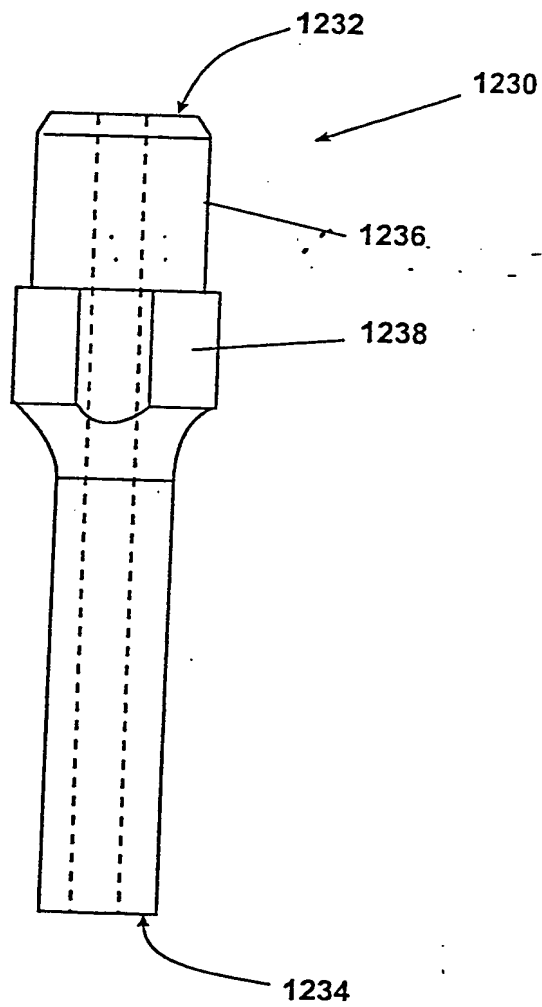


Fig. 45

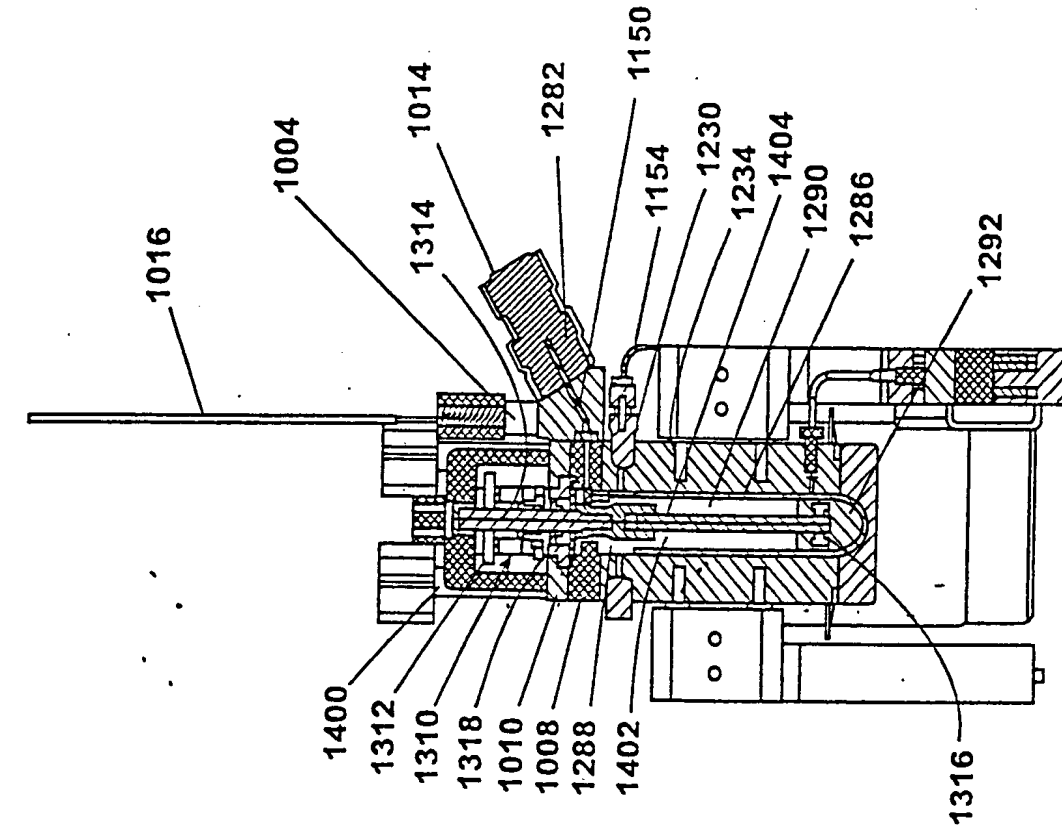


Fig. 48

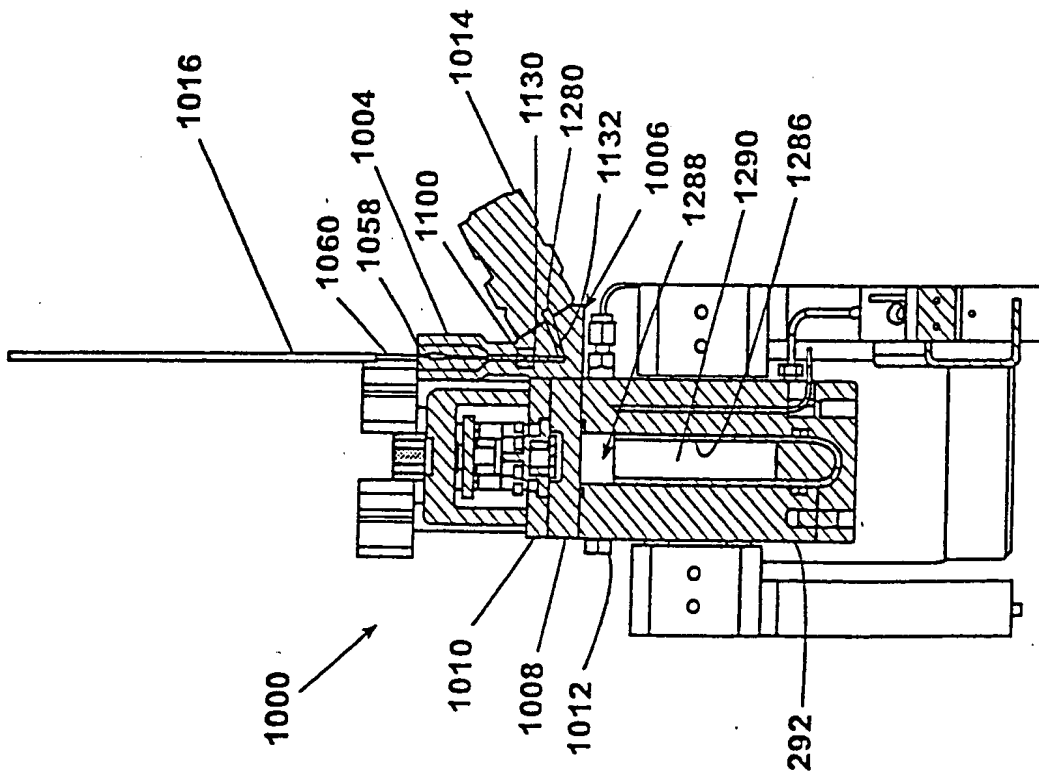


Fig. 47

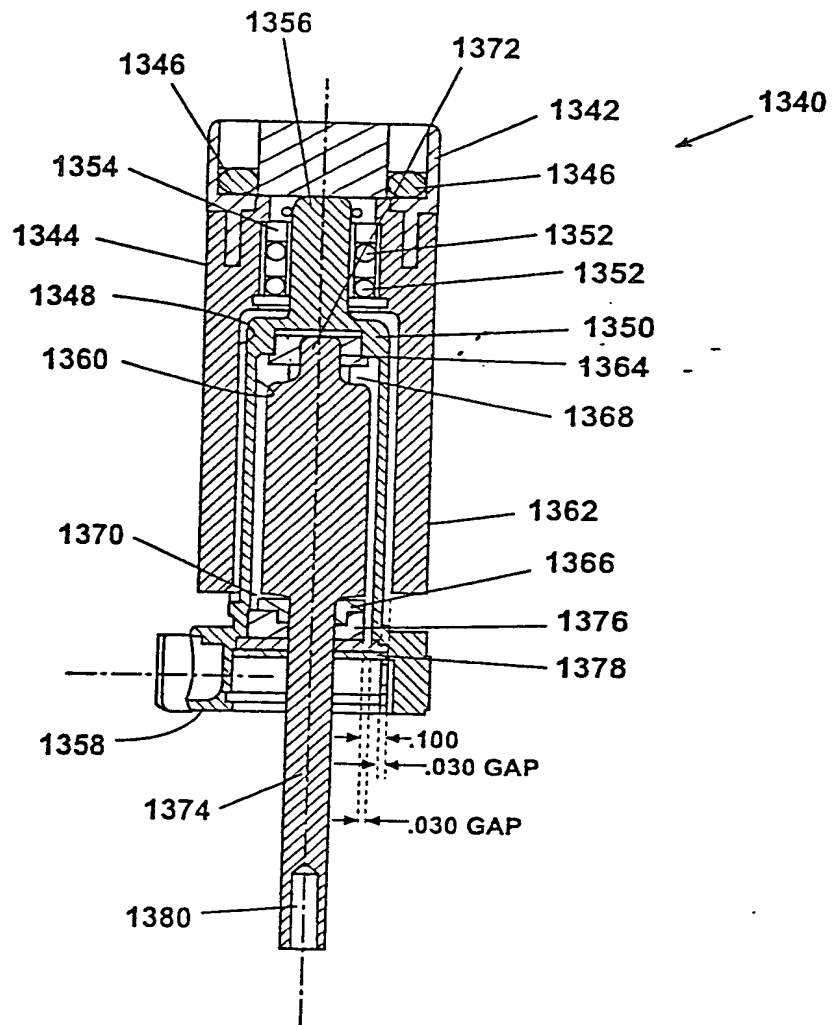


Fig. 49

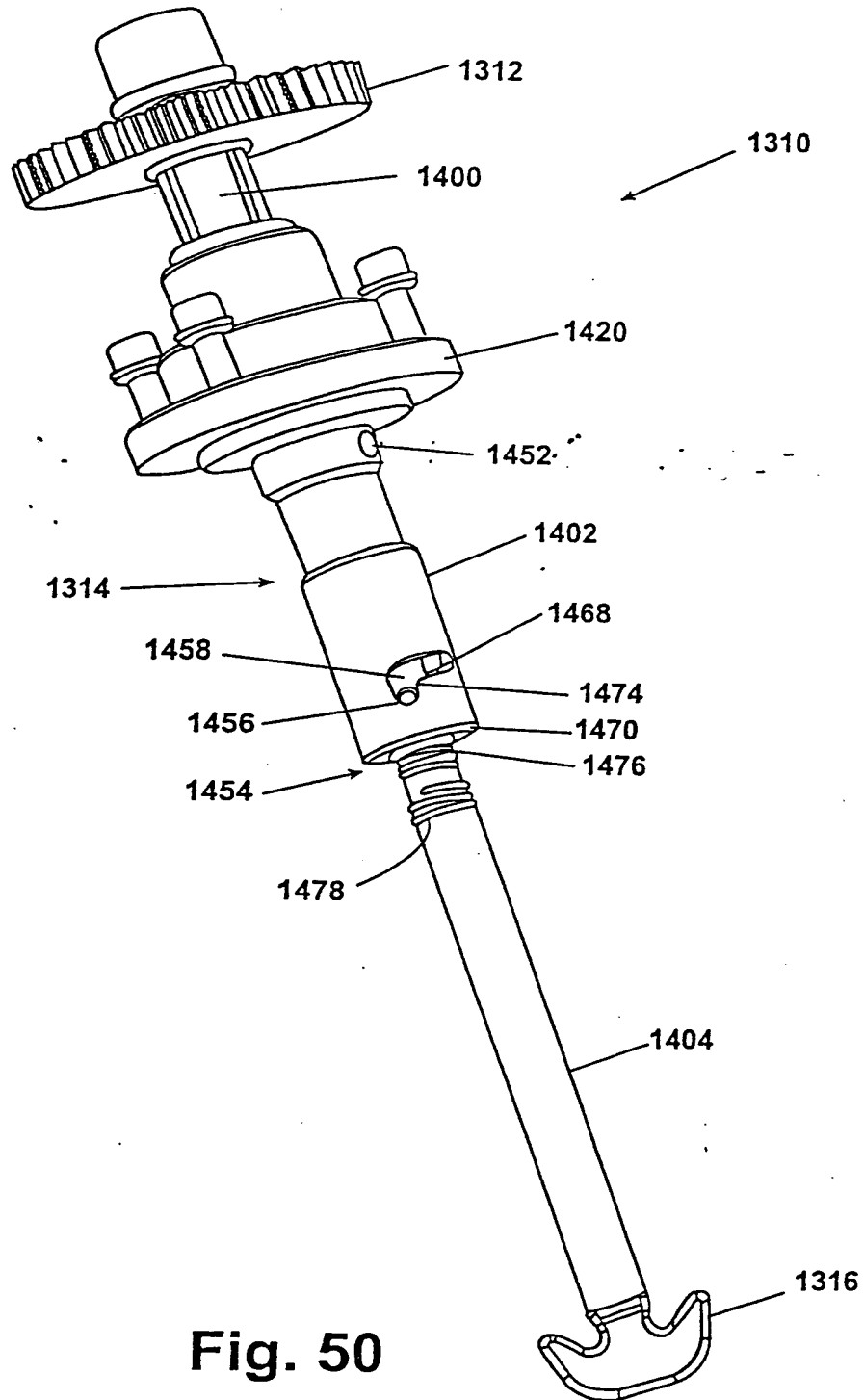


Fig. 50

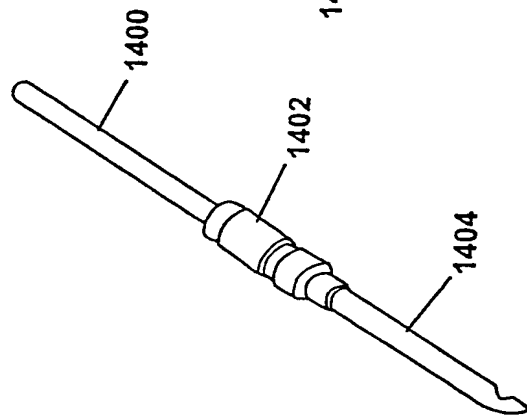


Fig. 50A

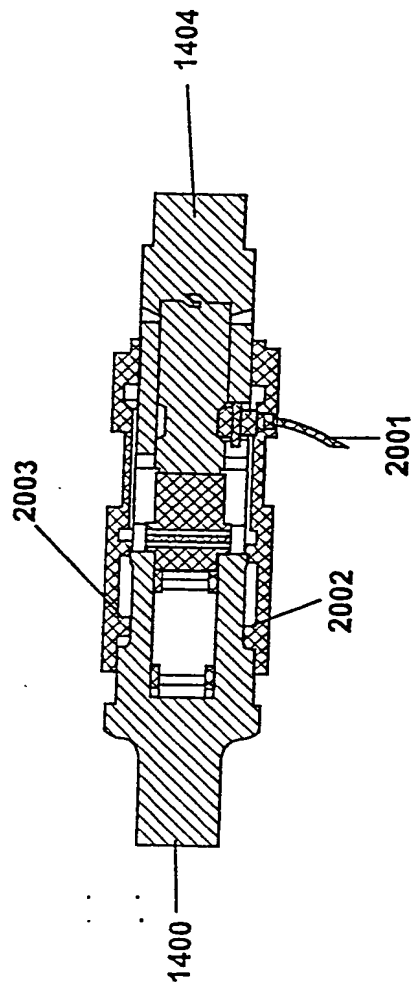


Fig. 50B

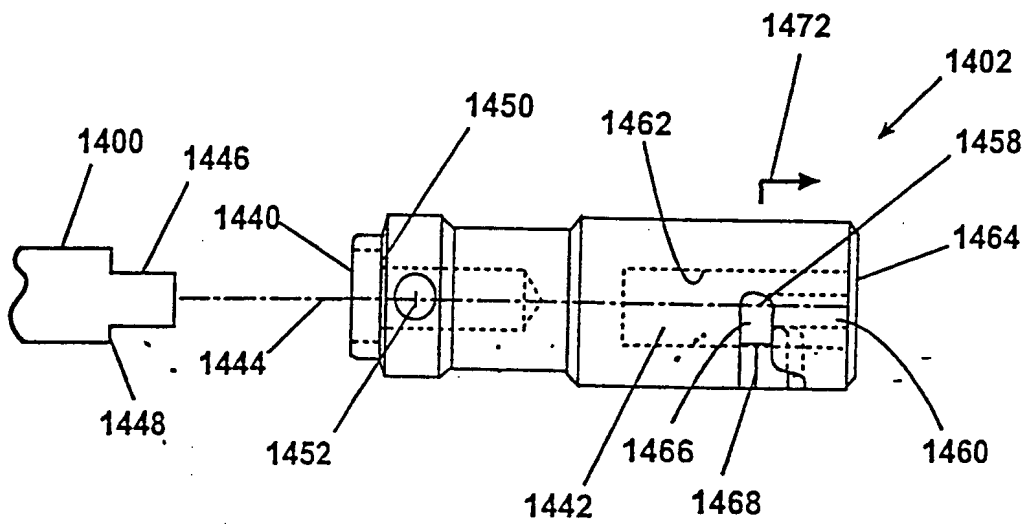
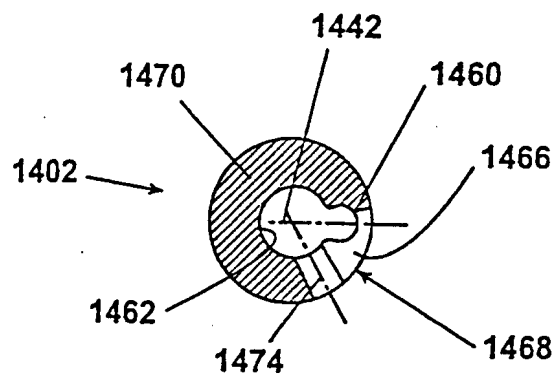


Fig. 51



SECTION 1472

Fig. 52

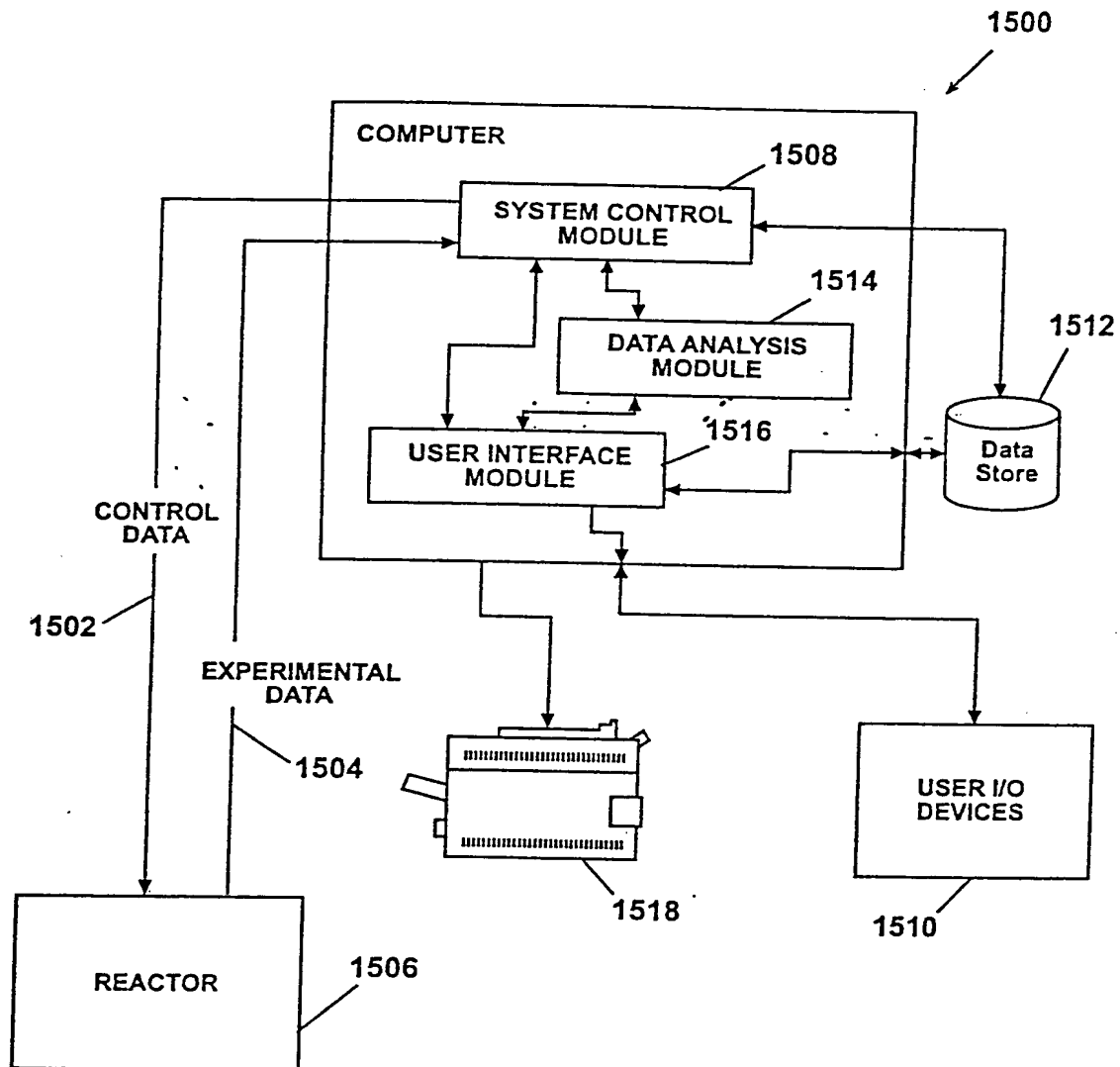


Fig. 53

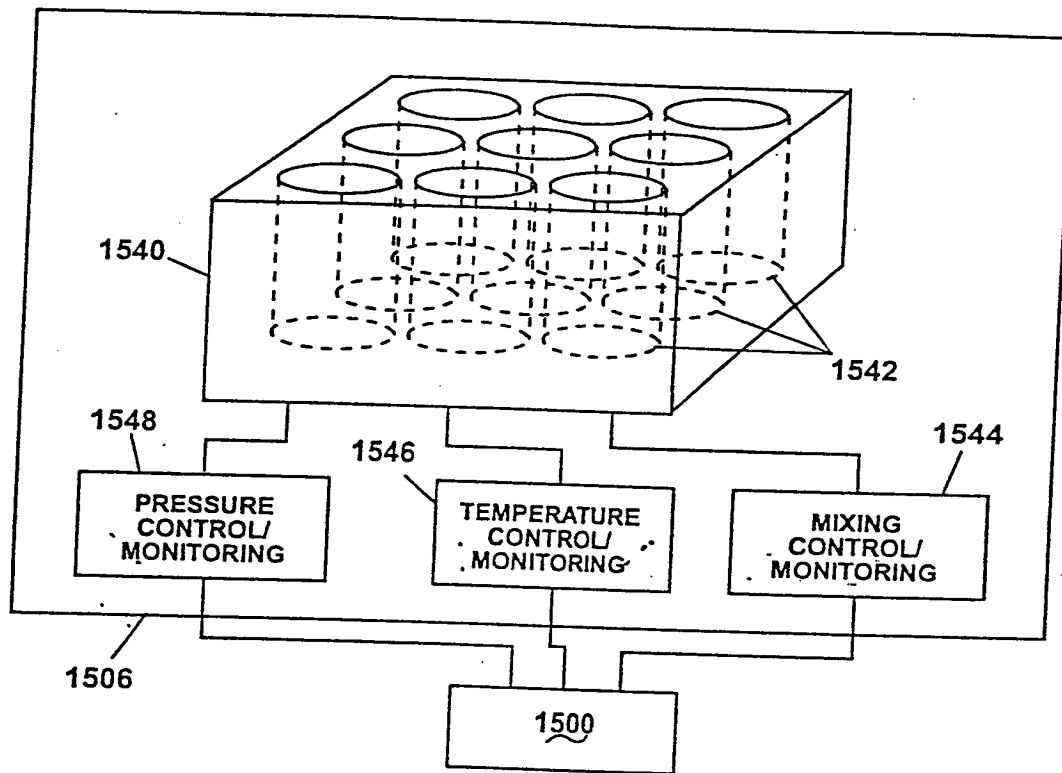


Fig. 54

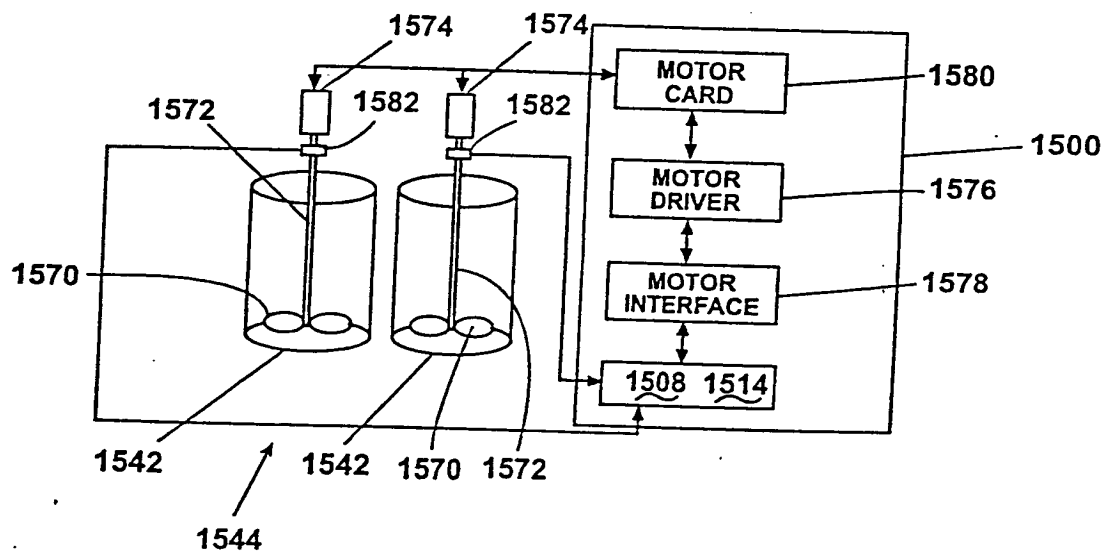


Fig. 55

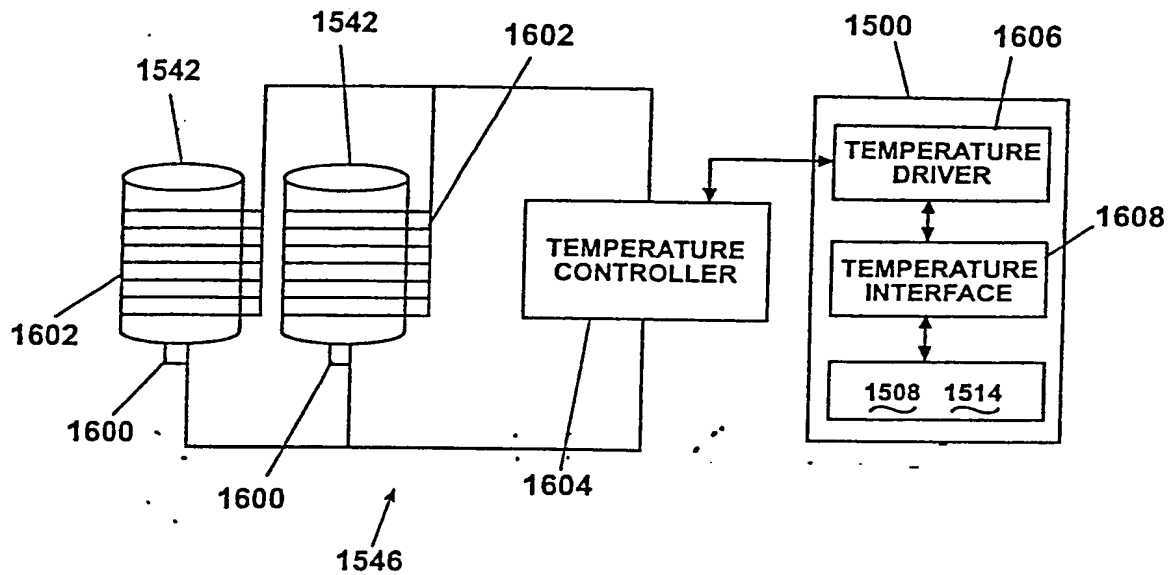


Fig. 56

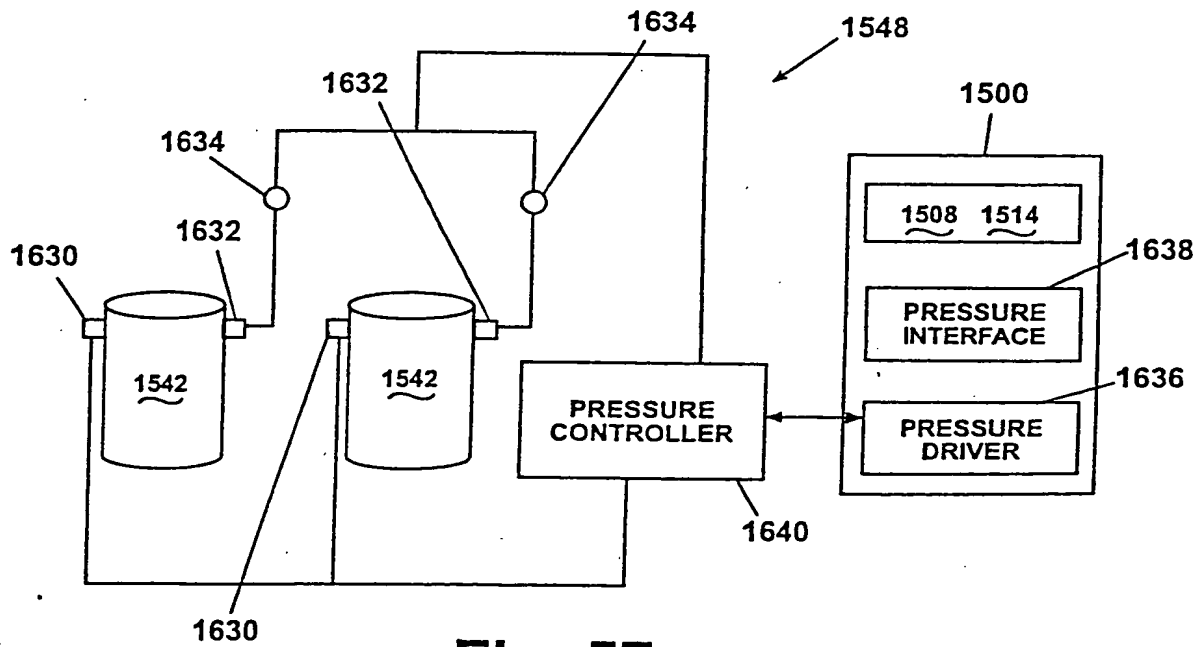
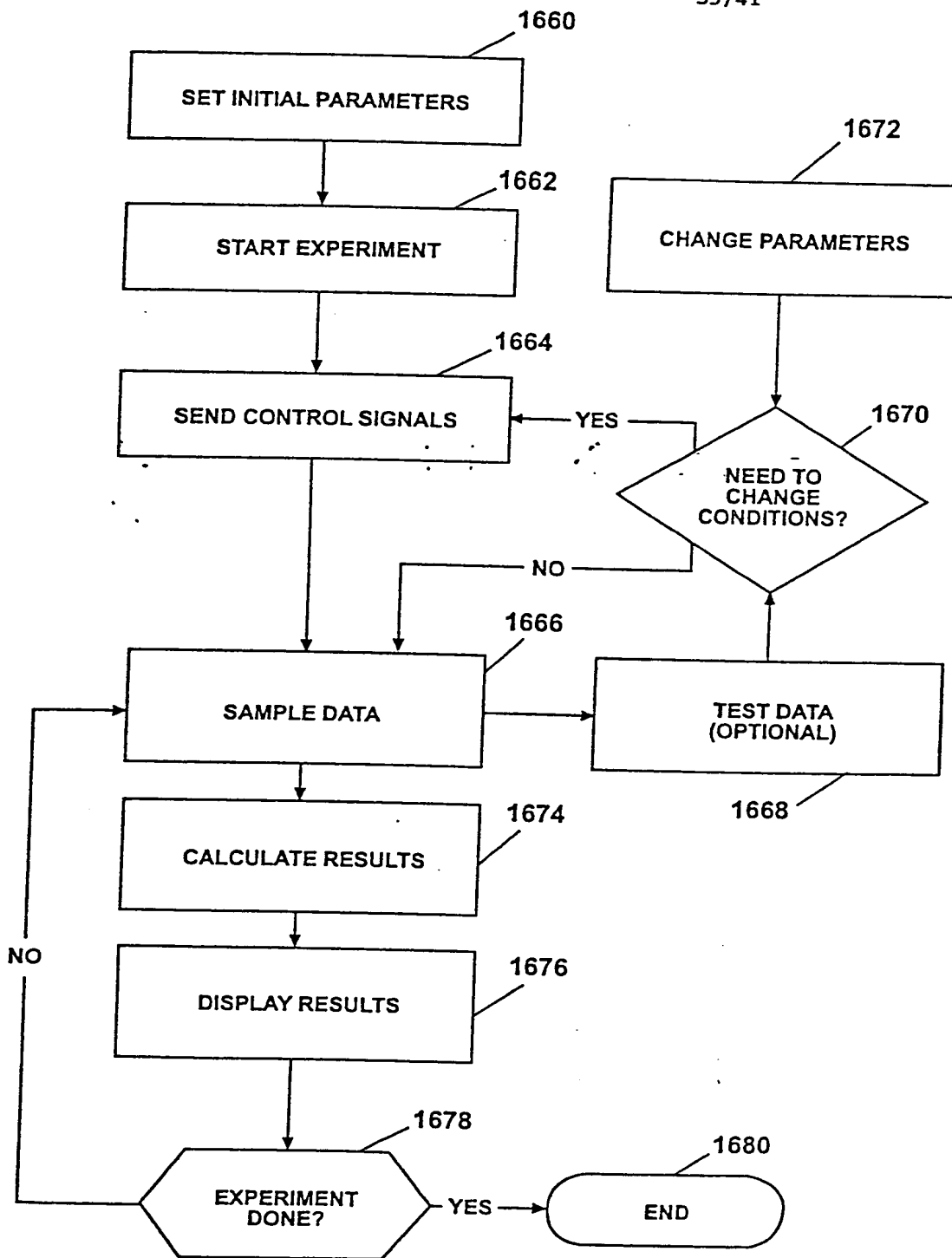


Fig. 57

**Fig. 58**

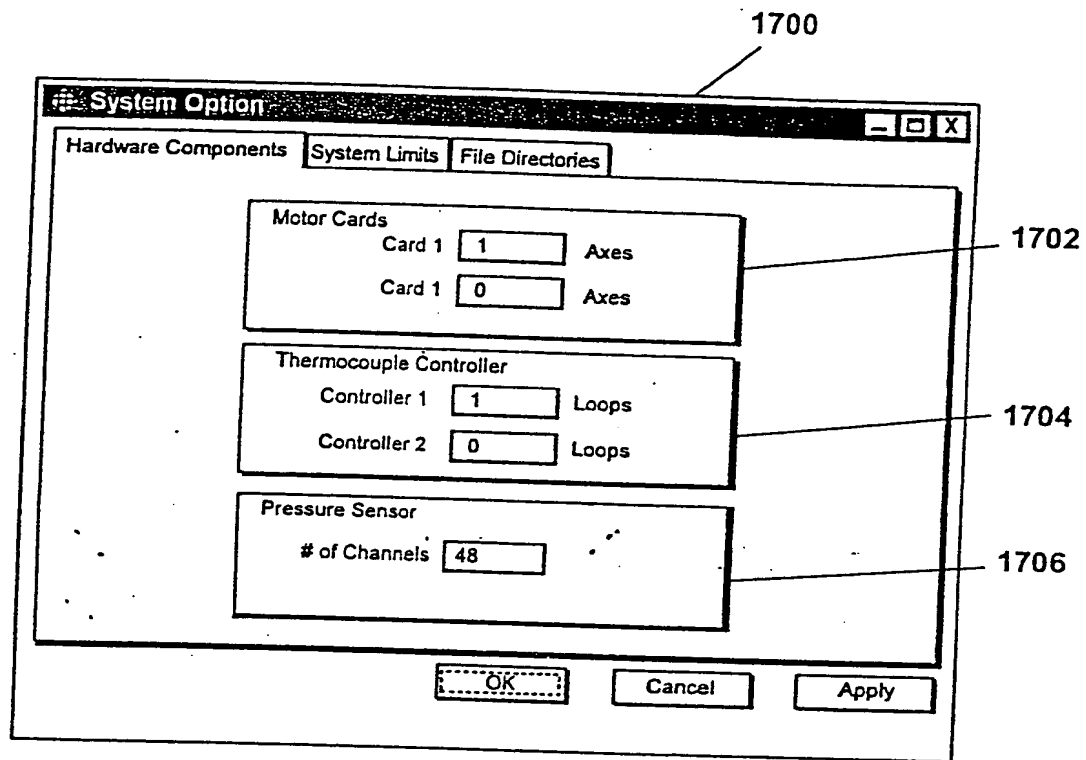


Fig. 59

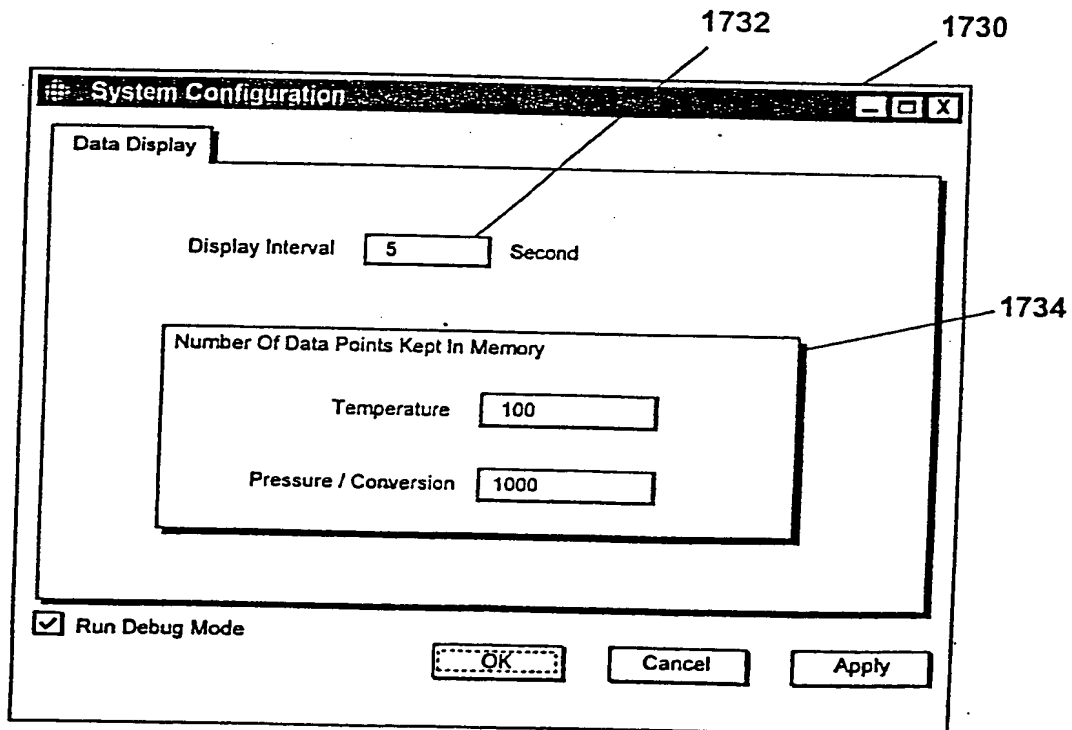


Fig. 60

1760

Reactor Setup

1762

Motor

Speed RPM

Safety Limit (RPM): 3200

☐ Single Direction

☒ Dual Direction

Experiment Time Minute

1764

Heater

Set Point F 1776

Safety Limit: 392

Turn Off Temp. F 1768

Sample Rate Hz 1770

Maximum (Hz): 0.1

1772

1774

Pressure

P_{set} psi

Safety Limit (psi): 100

Sample Rate Hz

Maximum (Hz): 5

Fig. 61

1800

Temperature

Setpoints

1 2 3 4 5 6

Unit: F

Safety Limit: 392 F

☐ Undo Gradient

1802

1802

Fig. 62

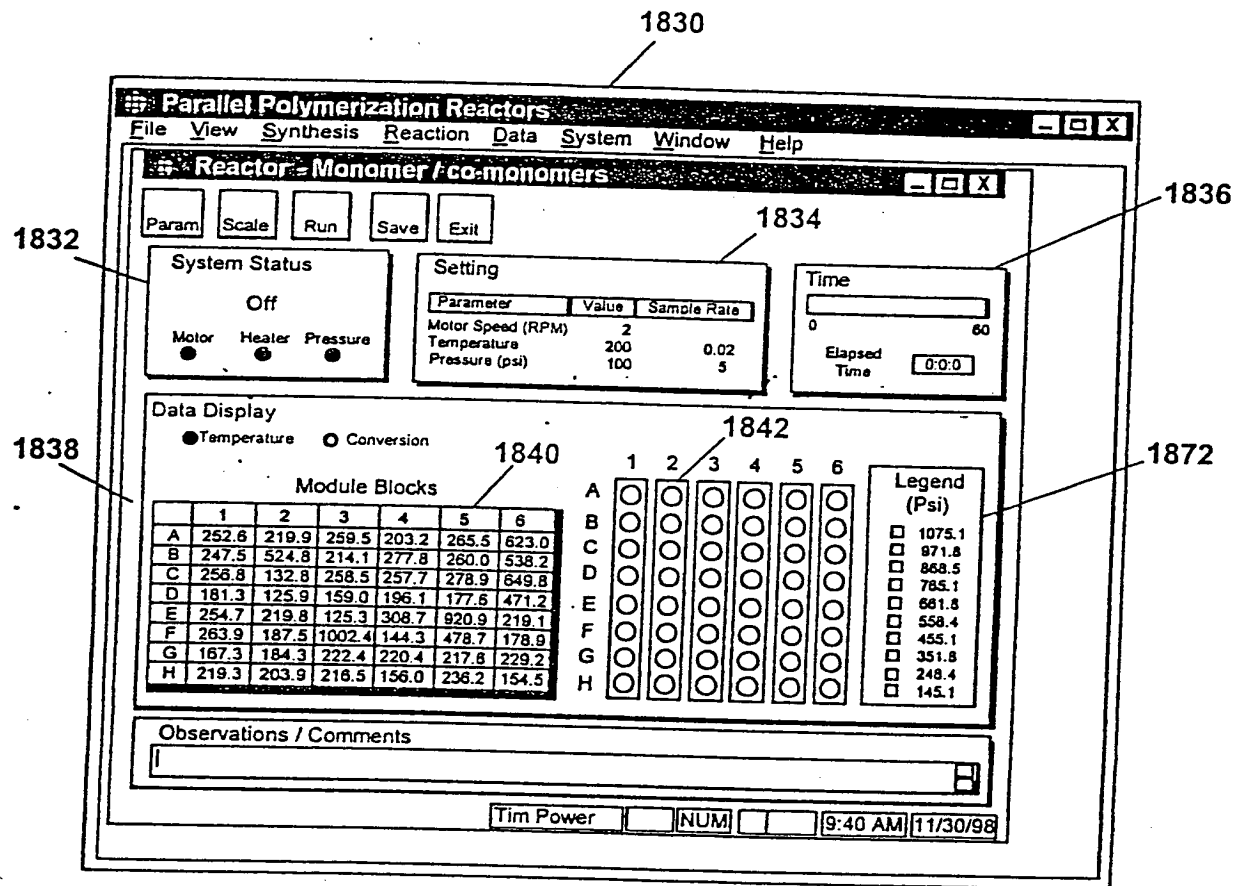


Fig. 63

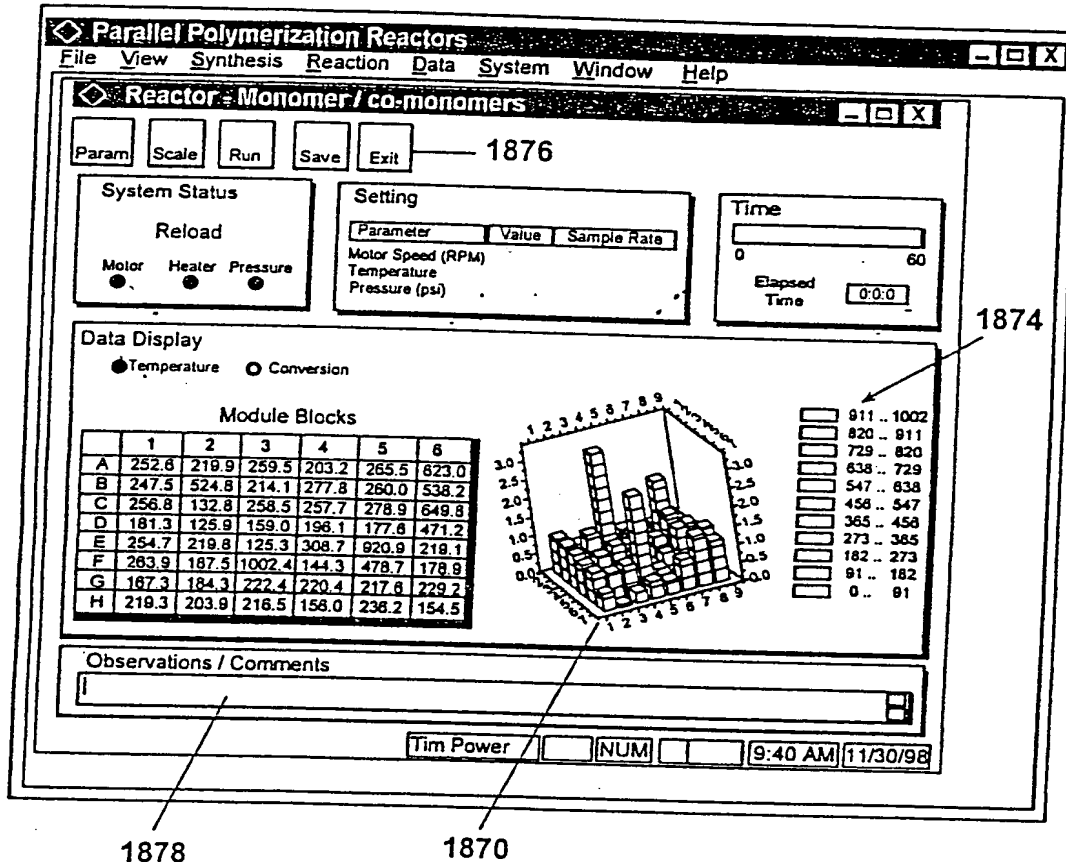


Fig. 64

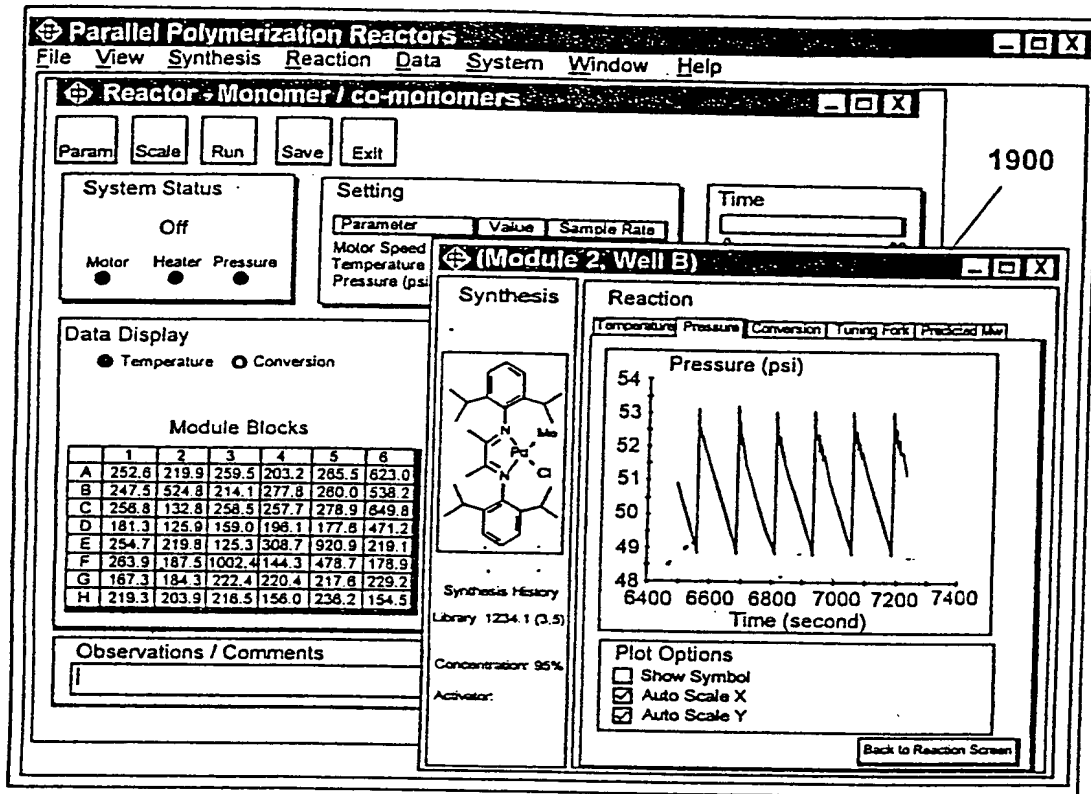


Fig. 65

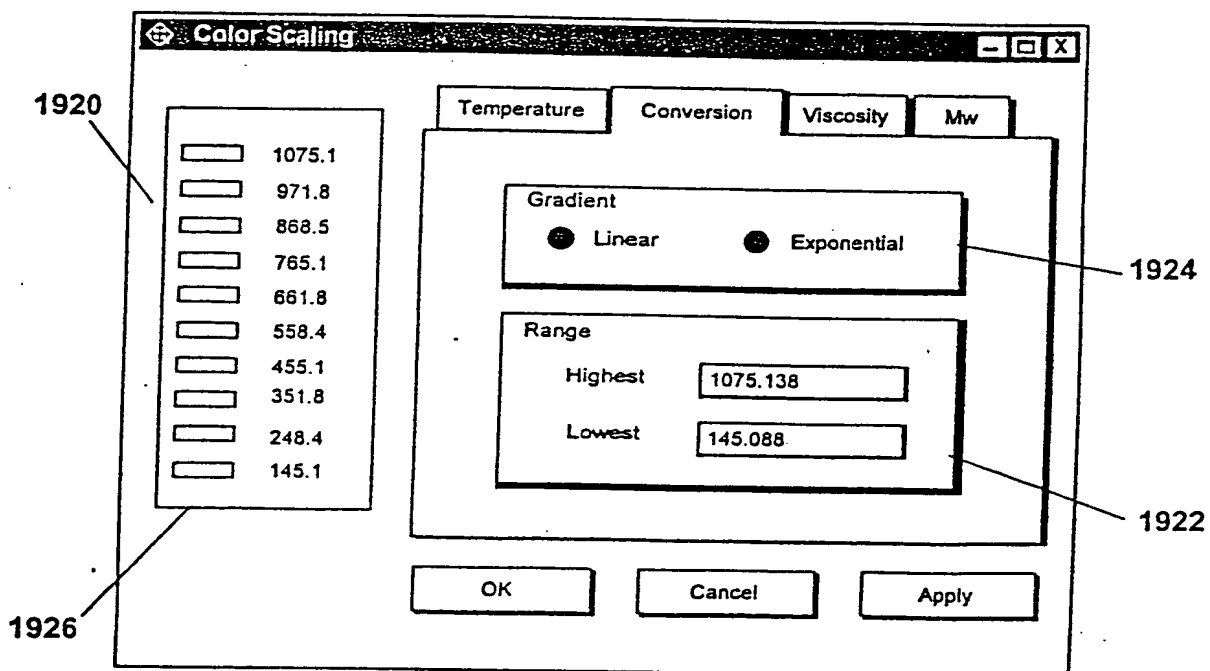


Fig. 66

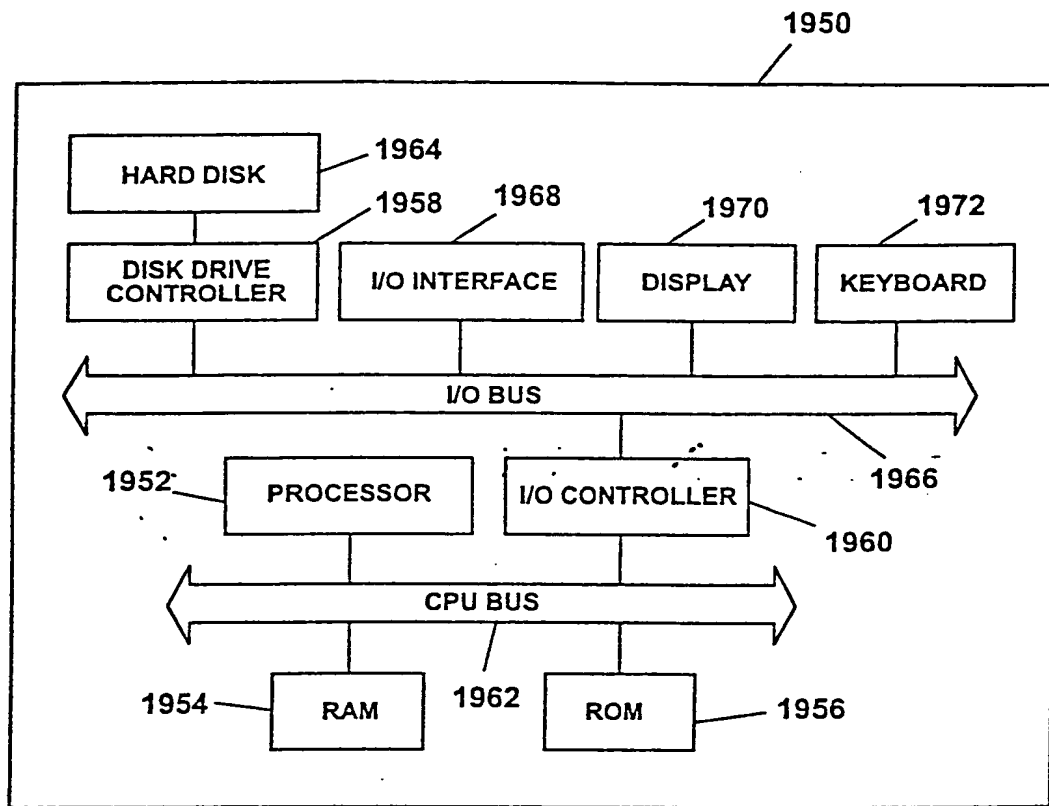


Fig. 67